

CURRICULUM VITAE

WILLIAM DOUGLAS FIGG, SR

Work Address:

National Institutes of Health
National Cancer Institute
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Medical Oncology Branch
Molecular Pharmacology Section and
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Education:

8/81 - 5/83	Georgetown College, Georgetown, Kentucky, Bachelor of Science (Hon)
8/83 - 11/86	Samford University, School of Pharmacy, Birmingham, AL Bachelor of Science in Pharmacy
9/87 - 8/89	Auburn University, School of Pharmacy, Birmingham, AL Doctor of Pharmacy
5/01 - 7/03	Columbia University, School of Business, New York, NY and London Business School, University of London, London, UK, Master of Business Administration

Post-Graduate Training:

11/86 - 9/87	Internship, University of Alabama Hospital, Birmingham, AL
6/90 - 6/92	Post-Doctoral Fellowship in Clinical Research/Drug Development, University of North Carolina at Chapel Hill, Chapel Hill, NC

Professional Appointments:

6/83 - 11/86	Pharmacy Externship, Department of Pharmacy, BMC Princeton Hospital, Birmingham, Alabama (20 hrs/wk)
9/87 - 6/90	Clinical Pharmacist, Department of Pharmacy, University of Alabama Hospital, Birmingham, Alabama
6/90 - 6/92	Clinical Staff Pharmacist, Department of Pharmacy, Duke University Medical Center, Durham, North Carolina (12-20 hrs/wk)
7/92 - 7/95	Clinical Pharmacist, Pharmacy Department, Mary Washington Hospital, Fredericksburg, Virginia (8 hrs/wk)
7/92 - 8/93	Clinical Investigator, Clinical Pharmacokinetics Section, Clinical Pharmacology Branch, Clinical Oncology Program, National Cancer Institute, Bethesda, Maryland
7/92 - present	Senior Staff, Prostate Cancer Clinic, National Cancer Institute, Bethesda, Maryland
9/93 - 12/96	Senior Investigator, Section Head, Clinical Pharmacokinetics Section, CPB, DCS, NCI; and Deputy Branch Chief, Clinical Pharmacology Branch, Division of Clinical Sciences, National Cancer Institute, Bethesda, Maryland
12/96 - 2/01	Senior Investigator and Head, Clinical Pharmacokinetics Section, Developmental Therapeutics Department, Medicine Branch, Division of Clinical Sciences, National Cancer Institute, Bethesda, Maryland
2/01-11/05	Senior Investigator and Head of the Molecular Pharmacology Section, Cancer Therapeutics Branch, Center for Cancer Research, National Cancer Institute; and Head of the Clinical Pharmacology Scientific Core, Medical Oncology Clinical Research Unit, CCR, NCI; and Head of the Preclinical Pharmacokinetics Core, Molecular Targets Program, CCR, NCI
11/05 - present	Senior Scientist and Head of the Molecular Pharmacology Section, Medical Oncology Branch (MOB), Center for Cancer Research (CCR), National Cancer Institute (NCI); and Head of the Clinical Pharmacology Program (CPP), MOB, CCR, NCI; Head, Blood Processing Core, CPP, MOB, CCR, NCI; Head, Preclinical Pharmacology Research Core, CPP, MOB, CCR, NCI; Head, Pharmacogenetics Core, CPP, MOB, CCR, NCI; Head, Bioanalytical Core, CPP, MOB, CCR, NCI; Head, Pharmacometrics Core, CPP, MOB, CCR, NCI; National Institutes of Health, Bethesda, Maryland

Professional Licensure:

Alabama State Board of Pharmacy #11217 (15 September 1987)
Tennessee State Board of Pharmacy #007039 (21 May 1987)
North Carolina State Board of Pharmacy #11089 (18 Sept 1990)
Virginia State Board of Pharmacy #0202011192 (19 October 1993)

Board Certification:

Pharmacotherapy Specialty #291192 (8/91)
recertification 12/99
recertification 12/07

Academic Appointments/Affiliations/Teaching Responsibilities/Committees:

Lecturer - Howard University Pharm.D. Program (Oncology Module in Therapeutics Course) (1995)
Lecturer - Shenandoah University Pharm.D. Program
(Oncology Module in Therapeutics Course), (1999-2000)
Graduate Advisor - University of Pittsburgh School of Pharmacy (1996-1999)
Adjunct Professor - University of Maryland School of Pharmacy (1994-present)
Adjunct Clinical Professor – University of Kentucky School of Pharmacy (1993–1999)
Consultant Clinical Pharmacology – Johns Hopkins University Cancer Center (1999–2000)
Adjunct Clinical Associate Professor – University of Michigan School of Pharmacy (2003–present)
Affiliate Professor - Virginia Commonwealth University, Medical College of Virginia,
School of Pharmacy, Department of Pharmaceutics (1997-present)
Graduate Advisor – Virginia Commonwealth University, Department of Pharmaceutics (1997-present)
Lecturer – Columbia University, School of Public Health,
Course - Strategic Management and Healthcare Policy (2004-present)
Graduate Advisor – Oxford University, UK (2005 – 2010)
Graduate Advisor – George Washington University, Department of Genetics (2004 – 2009)
Clinical Associate Professor – George Washington University, Institute for Biomedical Sciences
(2009-present)
Graduate Advisor – University of Maryland, Molecular and Cell Biology Program (2006 – present)
Graduate Advisor – Johns Hopkins University (2008 – present)
Graduate Selection Committee, Johns Hopkins University’s Master in Biotechnology (2004)
Executive Committee - Oxford/Cambridge/NIH Graduate Program – (2008 – present)
Graduate Selection Committee - George Washington University/NIH Program (2008-present)
Program Chair - 7th Annual Oxford/Cambridge/NIH Colloquium (2008)
Graduate Selection Committee - Oxford/Cambridge/NIH Graduate School (2008- 2009)
Adjunct Professor – Division of Oncology in Department of Medicine, Columbia University College of
Physicians and Surgeons (2009 – present)
Lecturer - Reykjavik University School of Public Health – Executive MPH,
Healthcare Strategy Course (2010)
Affiliate Clinical Instructor – Samford University School of Pharmacy (2010 – present)
Lecturer – Columbia University College of Physicians and Surgeons – Medical Students/Oncology
Course (Pharmacology lectures) (2010 – present)
Graduate Advisor – Cambridge University, UK (2012 – 2016)

United State Public Health Service Commissioned Corps.:

US Public Health Service Commissioned Officer 0-3 (Lt.) (7/92-12/93)
US Public Health Service Commissioned Officer 0-4 (Lt. Commander) (1/94 - 12/98)
US Public Health Service Commissioned Officer 0-5 (Commander) (1/99 – 6/06)
US Public Health Service Commendation Medal (1995)
US Public Health Service Commissioned Corps Unit Commendation (2004)
US Public Health Service Commissioned Corps Bicentennial Unit Commendation, 1998
US Public Health Service, Pharmacy Professional Advisory Committee (1997 - 2000)
Subcom. on Pharmaceutical Care (1995 - 1998)
Chair, Subcommittee on Pharmaceutical Care (1998 - 2000)
Liason to ACCP (2005 – present)
US Public Health Services Commissioned Corps Medical Review Board (2002)
US Public Health Commissioned Corps Readiness Force
Basic Response Readiness Certified (2005 – present)
US Public Health Commissioned Corps Assimilation into the Regular Corps (2007)
Deployed to Meridian, Mississippi in Response to Hurricane Katrina –
Command Staff, Head of Logistics

United State Public Health Service Commissioned Corps. (cont.):

US Public Health Service Commissioned Corps Citation Medal (2005)
US Public Health Service Commissioned Corps Crisis Response Service Award
Gulf Coast Hurricanes (2005)
US Public Health Service Commissioned Officer 0-6 (Captain) (7/06 – present)
US Public Health Service Commissioned Corps Citation Medal (2006)
US Public Health Service Commissioned Corps Commendation Medal (2006)
US Public Health Service Commissioned Corps OCCO Board (one year appointment)
US Public Health Service Commissioned Corps Functional Group Transformation Team
(Research Category) (2007-2008)
US Public Health Service Commissioned Corps Outstanding Unit Citation (2007)
US Public Health Service Commissioned Corps - Permanent 0-6 (2009)
US Public Health Service Commissioned Corps Unit Commendation (2010)

Professional Affiliations:

American Society of Health-System Pharmacists (1986 – 1992, 2005 - 2008)
Abstract Reviewer (1992-2001)
American College of Clinical Pharmacy (1990 - present)
Research Affairs Committee (1992 - 1994)
Chairman of Abstract Selection Committee (1997)
Abstract Reviewer for Oncology Submission (1996 - present)
Program Committee, 1997 Annual Meeting
Awards Committee (1997-1999)
Chair, Subcommittee on the Young Investigator's Award (1998-1999)
Task Force on Science (1999 - 2001)
Fellowship Credential Committee (2001 - 2002)
Research Institute Trustee – Elected member (2003 – 2006)
Chair, Grants and Fellowship Selection Committee (2006)
American Society for Clinical Pharmacology and Therapeutics (1991 - present)
American College of Clinical Pharmacology (1992 - present)
Chairman Government Advisory Board (1995 - 1997)
Program Committee, 1999 Annual Meeting
Abstract Reviewer (1999)
American Association for Cancer Research (1993 - present)
EORTC/NCI/AACR Program Committee (2007 - present)
Abstract Reviewer EORTC/NCI/AACR meeting (2007 - present)
Scientific Committee EORTC/NCI/AACR Molecular Targets and
Cancer Therapeutics Symposium (2008)
Scientific Review Committee for Gertrude B. Elion Award (2009)
American Association for the Advancement of Science (1993 to present)
Reviewer for Newcomb Cleveland Prize (2010)
American Society of Clinical Oncology (1993 - present)
Abstract Reviewer (2000)
Program Committee (2000)
American Urological Association (1998 - present)
Association of Military Surgeons of the U.S. (1998 - present)
American Association of Pharmaceutical Science (2005 – 2009)
American Pharmacists Association (2005 – 2009)
Hematology/Oncology Pharmacy Association (2005 – 2009)

Professional Activities/Committees (intramural and extramural):

National Institutes of Health, Pharmacy and Therapeutics Committee,
NCI Representative (1994 - present)
Board of Pharmacotherapy Specialty, Item Writer for Exam (1991 - 1994)
National Association of Boards of Pharmacy Licensure Examination, Item Writer (1996)
Howard Hughes Medical Institute Scholars Program, Selection Committee (1996, 1998)
Advisory Comm. for Endocrinology Section, National Institute of Child Health and
Human Development (1997)
Head, Clinical Pharmacology Special Interest Group, National Institutes of Health (1997 - 1998)
Head, Clinical Pharmacology Special Interest Subgroup in Oncology (1998 - 2002)
NCI's Prostate Cancer Task Force (1997 - 1998)
NCI's Prostate Cancer Progress Review Group (1997 - 1998)
2003 Committee to Evaluate the Progress of the 1998 Prostate PRG
Co-Chair, NCI's Tumor Angiogenesis and Invasion Think Tank (1998 - 2002)
NCI's Ad Hoc Tenure and Promotion Committee Reviewer (1999)
American Association of Pharmaceutical Scientists - Visiting Scientist –
MCV School of Pharmacy (2000)
US Pharmacopeia, Scientific Advisory Board for Oncology (2000 - 2003)
NCI, CCR's Early Drug Development Committee (2004 – 2005)
NCI, CCR's Tissue Repository Committee (2004 - 2005)
NCI's Protocol Review and Monitoring Committee, Ad Hoc Clinical Pharmacology Reviewer
(2000 - 2002)
NCI's Medicine Branch Protocol Review Committee (1999 - 2001)
NCI's Cancer Therapeutics Branch Protocol Review Committee (2001 - 2005)
NCI's Medical Oncology Branch Protocol Review Committee (2006 – present)
NCI's Vascular Biology Faculty – Steering Committee (2001 - present)
Co-Chair, NCI's Vascular Biology Faculty (2001 - 2004)
Chair, NCI's Vascular Biology Faculty (2005 – 2006)
NCI's GU Malignancy Faculty – Steering Committee (2001 - present)
NCI's Molecular Target Faculty – Steering Committee (2002 - present)
NCI's Institutional Review Board (2002 - 2004)
NCI's Technology Review Group (2005 – present)
NCI's Joint Drug Development Committee (2005 – 2009)
NCI's Pharmacodynamic Endpoint Meeting – Chaired (2006)
NCI's Molecular Target Prioritization Meeting – Chaired (2006)
NCI's Drug Development Prioritization Meeting – Chaired (2006)
NCI's Medical Oncology Branch Chief, Search Committee (2006)
NIH's Scientific Directors Ad Hoc Committee on Biological Samples (2006-2007)
NIH's Clinical Pharmacology Program and Course – Steering Committee (2006 – present)
NCI's Medical Oncology Weekly Lecture Series (Coordinator) (2005 - present)
NCI's Prostate Cancer Teaching Conference (Coordinator) (1987 – 2009)
NCI's Molecular Target Development Program (Review Committee) 2007
NCI's Molecular Targets Development Program – Chair of the Steering Committee (2008 – present)
NIH's BITRS Clinical Software Steering Committee (2008-2009)
NCI's Medical Oncology Fellowship Steering Committee (2009 – present)
NCI's Medical Oncology Phase 1, Search Committee (2009 – 2010)
NCI's NExT Drug Developmental Committee (2010 – present)
NIH's P and T Pharmacogenetics Subcommittee, Chair (2010 – present)

Editorial Appointments/Activities:

Editorial Board	1991-present	DrugDex Information Systems (MicroMedex)
Editorial Board	1997-present	Pharmacotherapy
Editorial Board	1994-1997	Oncology Report
Editorial Board	1995-present	Journal of Clinical Pharmacology
Editorial Board	1997-2001	The Prostate Journal
Editorial Board	1999-present	Clinical Cancer Research
Editorial Board	2000-2005	The Journal for Drug Evaluation
Editorial Board	2000	Pediatric Drug Therapy
Section Editor	2000-2005	Clinical Prostate Cancer
Editorial Board	2001-present	Cancer Biology and Therapy
Editorial Board	2002-2007	International Journal of Cancer
Editorial Board	2002-present	Molecular Cancer Therapeutics
Editorial Board	2004-present	Current Cancer Therapy Reviews
Editorial Board	2005-2008	Journal American Pharmacists Association
Editorial Board	2005-present	Recent Patents on Anti-Cancer Drug Discovery
Editorial Board	2006-present	Clinical Genitourinary Cancer
Editorial Board	2007-present	The Open Cancer Journal
Editorial Board	2009-present	Clinical Pharmacology and Therapeutics
Editorial Board	2010-present	J Chromatography and Separation Techniques
Editorial Board	2010-present	Journal of Steroids and Hormonal Science
Editorial Board	2010-present	J Pharmacogenomics and Pharmacoproteomics
Reviewer:	Journal of Chromatograph B	Pharmacogenetics
	Investigational New Drugs	Antimicrobial Agents and Chemotherapy
	Southern Medical Journal	American Journal Pathology
	Biochemical Pharmacology	Cancer Research
	Annals of Pharmacotherapy	Journal of Oncology Pharmacy Practice
	Cancer Investigation	Journal American Medical Association
	British Journal of Cancer	J of Pharmacokinetic and Pharmacodynamics
	Cancer	Journal of National Cancer Institute
	Analytica Chimica Acta	Journal Clinical Investigation
	Lipids	American Hospital Formulary Service
	Biotechniques	Molecular Medicine Today
	Blood	Trends in Pharmacology Science
	Molecular Pharmacology	Human Genetics
	Clin Pharmacology Therapeutics	Cancer Chemotherapy Pharmacology
	FASEB Letters	Nature Cancer Review
	Journal of Urology	The Oncologist
	Journal of Molecular Medicine	Journal Pharmacology Experimental Therapeutics
	Urology	Laboratory Investigation
	The Pharmacogenomic Journal	Cancer Epidemiology, Biomarkers and Prevention
	Biol of Blood Marrow Transpl	Journal of Clinical Oncology
	European Journal of Cancer	Journal of Pharmacy and Pharmacology
	Neoplasia	In Vitro Cellular and Developmental Biology
	Journal of Pathology	British Journal Hematology
	Proc Natl Academy of Science	European Urology
	Oncogene	European Journal of Pharmacology
	Human Mutation	Life Sciences
	Lancet	Bioorganic & Medicinal Chemistry

Editorial Appointments/Activities (cont.):

Molecular Pharmaceutics	Medical Research Review
Journal of Immunology	Cell Biochemistry and Function
Leukemia	Biochimie
Laboratory Investigation	Toxicology Letter
Lancet Oncology	

University Organizations/Activities:

Golf Team - Georgetown College (1981 - 1982)
Kappa Alpha - Georgetown College (1982 – 1983)
Phi Delta Chi - Samford University (1984 – 1987)

Awards, Honors and Fellowships:

1985 Beta Beta Beta, Samford University
1987 Outstanding Young Men of America
1990-02 Glaxo Research Institute Fellowship
1992-93 NIH Research Award - Student Loan Repayment
1998-2000 Who's Who in the East
2000 Who's Who in America
1996 McKeen Cattell Award from American College of Clinical Pharmacology's
Journal of Clinical Pharmacology (co-author)
1997 Fellow, American College of Clinical Pharmacy
2000 Fellow, American College of Clinical Pharmacology
2001 Allen J. Brands Clinical Pharmacist of the Year Award,
US Public Health Service Commissioned Officers Association
2003 Association of Military Surgeons of the United States,
Clinical Pharmacist of the Year Award
2003 Center for Cancer Research, NCI Federal Technology Transfer Award
2004 Ohio County High School, Hartford, KY – Alumni Professional Achievement Award
2003 US Navy, Meritorious Unit Commendation
2004 Academy of Medicine, Washington, DC – elected member
2004 Center for Cancer Research, NCI Federal Technology Transfer Award
2005 Leon I. Goldberg Young Investigator Award,
American Society of Clinical Pharmacology and Therapeutics
2005 19th Annual Singapore World Pharmacy Congress, Keynote Lecture and Award
2005 Center for Cancer Research, NCI Federal Technology Transfer Award
2006 Center for Cancer Research, NCI Federal Technology Transfer Award
2007 Center for Cancer Research, NCI Federal Technology Transfer Award
2007 The Annual Graduate Student Invited Lecture, Dartmouth College of Medicine, Department of
Pharmacology and Toxicology
2007 NVCA Teacher of the Year Award
2007 NIH Clinical Center Director's Award
2008 Columbia University Business School Non-Profit Alumni Award
2008 Samford University School of Pharmacy – Commencement Address
2008 Russell R. Miller Award, American College of Clinical Pharmacy
2008 Center for Cancer Research, NCI Federal Technology Transfer Award
2008 American Society of Health-System Pharmacist Sustained Contribution to the Literature Award
2008 NCI Outstanding Mentor Award
2009 Center for Cancer Research, NCI Federal Technology Transfer Award

Awards, Honors and Fellowships (cont.):

2009 AMSUS Andrew Craigie Award – Outstanding Advancement of the Profession of Pharmacy
2010 Ashby Lecture, University of Oklahoma

Executive Management Training:

Johns Hopkins University, School of Business, Baltimore, MD,
Leadership and Organizational Behavior, 1994

Wharton School of Management, University of Pennsylvania, Philadelphia, PA,
Essentials of Management, 1998, 1999

Certifications:

Basic Life Support (1989 – present)

Bibliography:

- 1 Avent CK, Krinsky D, Kirklin JK, Bourge RC, **Figg WD**. Synergistic Nephrotoxicity Due to Ciprofloxacin and Cyclosporine. *Am J Med* 1988;85:452-3.
- 2 **Figg WD**. Cyclosporine-Induced Hyperuricemia and Gout. *N Engl J Med* (letter) 1990;322:334-5.
- 3 Thompson G, **Figg WD**. Diarrhea Precipitated by Oral Liquid Medication. *Am J Med* (letter) 1990;89:697.
- 4 Bourge RC, Kirklin JK, Naftel DC, **Figg WD**, Williams-White C, Ketchum C. Diltiazem-Cyclosporine Interaction in Cardiac Transplant Recipients: Impact on Cyclosporine Dose and Medication Costs. *Am J Med* 1991;90:402-4.
- 5 **Figg WD**. Peripheral Neuropathy in HIV Patient after Isoniazid Therapy Initiated. *Annals of Pharmacotherapy* (letter) 1991;25:100-1.
- 6 **Figg WD**. Aseptic Meningitis Associated with Muromonab-CD3. *Annals of Pharmacotherapy* (letter) 1991;25:1395.
- 7 **Figg WD**. Ondansetron versus Dexamethasone. *Lancet* (letter) 1991;338:946.
- 8 Thibault A, **Figg WD**, Cooper MR, Prindiville SA, Sartor AO, Headlee DJ, Myers CE. Anaphylactoid Reaction with Suramin. *Pharmacotherapy* 1993;13:656-7. Erratum: Annaphylactoid Reaction with Suram. *Pharmacotherapy* 1994;14:125.
- 9 **Figg WD**, Thibault A. Book Review: Oxford Textbook of Clinical Pharmacology and Drug Therapy. *Annals of Pharmacotherapy* 1993;27:797.
- 10 **Figg WD**, Graham CL, Hak LJ, Dukes GE. Ondansetron: A Novel Antiemetic Agent. *South Med J* 1993;86:497-502.
- 11 Thibault A, **Figg WD**. Book Review: Cancer of the Prostate. *J Natl Cancer Inst* 1993;85:1958-9.
- 12 Sartor O, Cooper M, Weinberger M, Headlee D, Thibault A, Tompkins A, Steinberg S, **Figg WD**, Linehan WM, Myers CE. Surprising Activity of Flutamide Withdrawal, When Combined with Aminoglutethimide, in Treatment of "Hormone-Refractory" Prostate Cancer. *J Natl Cancer Inst* 1994;86:222-7.
- 13 **Figg WD**, Yeh HJ, Thibault A, Pluda JM, Itoh F, Yarchoan R, Cooper MR. Assay of the Antiangiogenic Compound, TNP-470, and One of its Metabolites, AGM-1883, by Reversed-Phase High Performance Liquid Chromatography in Plasma. *J Chromatogr B* 1994;652:187-94.
- 14 Thibault A, Cooper MR, **Figg WD**, Venzon DJ, Sartor AO, Tompkins AC, Weinberger MS, Headlee DJ, McCall NA, Samid D, Myers CE. A Phase I and Pharmacokinetic Study of Intravenous Phenylacetate in Patients with Cancer. *Cancer Res* 1994;54:1690-4.
- 15 Thibault A, **Figg WD**, McCall NA, Samid D, Myers CE, Cooper MR. A Simultaneous Assay of the Differentiating Agents, Phenylacetic Acid and Phenylbutyric Acid, and One of Their Metabolites, Phenylacetylglutamine, by Reversed-Phase, High Performance Liquid Chromatography. *J Liq Chrom* 1994;17:2895-900.

- 16 **Figg WD**, Thibault A, Sartor AO, Mays D, Headlee D, Calis KA, Cooper MR. Hypothyroidism Associated with Aminoglutethimide in Patients with Prostate Cancer. *Arch Intern Med* 1994;154:1023-5.
- 17 **Figg WD**, Walls RG, Cooper MR, Thibault A, Sartor O, McCall NA, Myers CE, Samid D. *In Vitro* Antitumor Effect of Hydroxyurea on Hormone-Refractory Prostate Cancer Cells and its Potentiation by Phenylbutyrate. *Anticancer Drugs* 1994;5:336-42.
- 18 **Figg WD**, Cooper MR, Thibault A, Headlee D, Humphrey J, Bergan RC, Reed E, Sartor O. Acute Renal Toxicity Associated with Suramin in the Treatment of Prostate Cancer. *Cancer* 1994;74:1612-4.
- 19 Foss FM, Borkowski TA, Gilliom M, Stetler-Stevenson MA, Jaffe ES, **Figg WD**, Tompkins A, Bastian A, Nylen P, Woodworth T, Udey MC, Sausville EA. Chimeric Fusion Protein Toxin DAB486IL-2 in Advanced Mycosis Fungoides and the Sezary Syndrome: Correlation of Activity and Interleukin-2 Receptor Expression in a Phase II Study. *Blood* 1994;84:1765-74.
- 20 **Figg WD**, Stevens JA, Cooper MR. Adaptive Control With Feedback of Suramin Using Intermittent Infusions. *J Clin Oncol* (letter) 1994;12:1523-4.
- 21 **Figg WD**. Angiogenesis: A Therapeutic Target for Tumor Suppression. *Issues in Pharmacotherapy* 1994;14:3.
- 22 **Figg WD**, Sartor O, Cooper MR, Thibault A, Bergan RC, Dawson N, Reed E, Myers CE. Prostate Specific Antigen Decline Following the Discontinuation of Flutamide in Patients with Stage D2 Prostate Cancer. *Am J Med* 1995;98:412-4.
- 23 **Figg WD**, Dukes GE, Lesesne HR, Carson SW, Songer SS, Pritchard JF, Hermann DJ, Powell JR, Hak LJ. Comparison of Quantitative Methods to Assess Hepatic Function: Pugh's Classification, Indocyanine Green, Antipyrine, and Dextromethorphan. *Pharmacotherapy* 1995;15:693-700.
- 24 Thibault A, Samid D, Cooper MR, **Figg WD**, Tompkins AC, Patronas N, Headlee DJ, Kohler DR, Venzon DJ, Myers CE. Phase I Study of Phenylacetate Administered Twice Daily to Patients with Cancer. *Cancer* 1995;75:2932-8.
- 25 Piscitelli SC, Thibault A, **Figg WD**, Tompkins A, Headlee D, Lieberman R, Samid D, Myers CE. Disposition of Phenylbutyrate and its Metabolites, Phenylacetate and Phenylacetylglutamine. *J Clin Pharmacol* 1995;35:368-73.
- 26 **Figg WD**, McCall NA, Reed E, Sartor O. The *in vitro* Response of Four Antisteroid Receptor Agents on the Hormone-Responsive Prostate Cancer Cell Line LNCaP. *Oncol Rep* 1995;2:295-8.
- 27 Bitton RJ, **Figg WD**, Venzon DJ, Dalakas MC, Bowden C, Headlee D, Reed E, Myers CE, Cooper MR. Pharmacologic Variables Associated with the Development of Neurologic Toxicity in Patients Treated with Suramin. *J Clin Oncol* 1995;13:2223-9.
- 28 **Figg WD**, Middleman MN, Sartor O. Mutated Androgen Receptors of Prostate-Cancer Cells. *N Engl J Med* (letter) 1995;333:1010.
- 29 **Figg WD**, Thibault A, Cooper MR, Reid R, Headlee D, Dawson N, Kohler DR, Reed E, Sartor O. A Phase I Study of the Somatostatin Analogue Somatuline in Patients with Metastatic Hormone-Refractory Prostate Cancer. *Cancer* 1995;75:2159-64.

- 30 McCall NA, Samid D, **Figg WD**. Stability of Sodium Phenylacetate and Sodium Phenylbutyrate in Parenteral Large-Volume Sterile Water. *Drug Stability* 1995;1:54-8.
- 31 Danesi R, **Figg WD**, Reed E, Myers CE. Paclitaxel (Taxol[®]) Inhibits Protein Isoprenylation and Induces Apoptosis in PC-3 Human Prostate Cancer Cells. *Mol Pharmacol* 1995;47:1106-11.
- 32 Sausville EA, Headlee D, Stetler-Stevenson M, Jaffe ES, Solomon D, **Figg WD**, Herdt J, Kopp WC, Rager H, Steinberg SM, Ghetie V, Schindler J, Uhr J, Wittes RE, Vitetta ES. Continuous Infusion of the Anti-CD22 Immunotoxin IgG-RFB4-SMPT-dgA in Patients with B-Cell Lymphoma: A Phase I Study. *Blood* 1995;85:3457-65.
- 33 **Figg WD**, Cole KA, Reed E, Steinberg SM, Piscitelli SC, Davis PA, Soltis MJ, Jacob J, Boudoulas S, Goldspiel B, Sarosy G, Liotta LA, Kohn EC. Pharmacokinetics of Orally Administered Carboxyamido-triazole, an Inhibitor of Calcium-mediated Signal Transduction. *Clin Cancer Res* 1995;1:797-803.
- 34 Dawson NA, Cooper MR, **Figg WD**, Headlee DJ, Thibault A, Bergan RC, Steinberg SM, Sausville EA, Myers CE, Sartor O. Antitumor Activity of Suramin in Hormone-Refractory Prostate Cancer Controlling for Hydrocortisone Treatment and Flutamide Withdrawal as Potentially Confounding Variables. *Cancer* 1995;76:453-62.
- 35 Middleman MN, Lush RM, Sartor O, Reed E, **Figg WD**. Prolonged Response to Flutamide Withdrawal and Initiation of Aminoglutethimide in a Patient with Metastatic Prostate Cancer. *J Oncol Pharm Pract* 1995;1:45-7.
- 36 Guetta V, Lush RM, **Figg WD**, Waclawiw MA, Cannon RO. Effects of the Antiestrogen Tamoxifen on Low-Density Lipoprotein Concentrations and Oxidation in Postmenopausal Women. *Am J Cardiol* 1995;76:1072-3.
- 37 Bitton RJ, **Figg WD**, Reed E. A Preliminary Risk-Benefit Assessment of Paclitaxel. *Drug Saf* 1995;12:196-208.
- 38 Bowden CJ, **Figg WD**, Dawson NA, Sartor O, Bitton RJ, Weinberger MS, Headlee D, Reed E, Myers CE, Cooper MR. A Phase I/II Study of Continuous Infusion Suramin in Patients with Hormone-Refractory Prostate Cancer: Toxicity and Response. *Cancer Chemother Pharmacol* 1996;39:1-8.
- 39 Sartor O, **Figg WD**. Mifepristone: Antineoplastic Studies. In Pitkin RM, Scott JR (Editors) Clinical Obstetrics and Gynecology. Published by Lippincott-Raven, Philadelphia, PA, 1996:498-505.
- 40 **Figg WD**, Middleman MN, Sartor O. Therapeutic Options in Patients with Hormone-Refractory Prostate Cancer. *Am J Med* (letter) 1996;100:243-4.
- 41 Tisdale JF, **Figg WD**, Reed E, McCall NA, Alkins BR, Horne MK. Severe Thrombocytopenia in Patients Treated with Suramin: Evidence for an Immune Mechanism in One. *Am J Hematol* 1996;51:152-7.
- 42 **Figg WD**, Ammerman K, Patronas N, Steinberg SM, Walls RG, Dawson N, Reed E, Sartor O. Lack of Correlation Between Prostate Specific Antigen and the Presence of Measurable Soft Tissue Metastases in Hormone-Refractory Prostate Cancer. *Cancer Invest* 1996;14:513-7.
- 43 Lush RM, Nguyen BY, Cundy KC, Bauza S, Sogocio T, Stevens J, Piscitelli S, Venzon D, Yarchoan R, **Figg WD**. Pharmacokinetics of (s)-9-(2-Phosphonylmethoxyethyl)adenine (PMEA) and when Administered in Combination with Zidovudine (AZT). *J Applied Ther* 1996;1:13-8.

- 44 Walls R, Thibault A, Lui L, Wood C, Kozlowski JM, **Figg WD**, Sampson ML, Elin RJ, Samid D. The Differentiating Agent Phenylacetate Increases Prostate-Specific Antigen Production by Prostate Cancer Cells. *Prostate* 1996;29:177-82.
- 45 Walther MM, **Figg WD**, Linehan WM. Intravesical Suramin: A Novel Agent for the Treatment of Superficial Transitional-Cell Carcinoma of the Bladder. *World J Urol* 1996;14:S8-S11.
- 46 Middleman MN, Lush RM, **Figg WD**. The Mutated Androgen Receptor and Its Implications for the Treatment of Metastatic Carcinoma of the Prostate. *Pharmacotherapy* 1996;16:376-81.
- 47 Lush RM, **Figg WD**, Pluda JM, Bitton R, Headlee D, Kohler D, Reed E, Sartor O, Cooper MR. A Phase I Study of Pentosan Polysulfate Sodium in Patients with Advanced Malignancies. *Ann Oncol* 1996;7:939-44.
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- 480 Gardner ER, Springman E, Kelly M, Li H, Moore W, **Figg WD**. Antiangiogenic and Antitumor Activity of LP-261, a Novel Oral Tubulin binding Agent, Alone and in Combination with Bevacizumab. *Inv New Drugs*. [In Press](#).
- 481 Liang X, Guo Y, **Figg WD**, Fojo AT, Mueller MD, Yu JJ. The Role of Wild-type p53 in Cisplatin-induced Chk2 Phosphorylation and the Inhibition of Platinum Resistance with a Chk2 Inhibitor. *Cancer Res Practice*. [In Press](#).

- 482 English BC, Baum CE, Adelberg DE, Sissung TM, Kluetz PG, Dahut WL, Price DK, **Figg WD**. A SNP in *CYP2C8* Is Not Associated with the Development of Bisphosphonate-Related Osteonecrosis of the Jaw in Men with Castrate-Resistant Prostate Cancer. *Ther Clin Risk Management*. [In Press](#).
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- 485 Jain L, Gardner ER, Venitz J, Giaccone G, **Figg WD**. Determination of PF-04928473 in Human Plasma using Liquid Chromatography with Tandem Mass Spectrometry. *J Chrom B*. [In Press](#).
- 486 Hulin-Curtis SL, Petit D, **Figg WD**, Hsing A, Reichardt JKV. Finasteride Metabolism and Pharmacogenetics: New Approaches to Personalized Prevention of Prostate Cancer. *Future Oncol*. [In Press](#).
- 487 Sissung TM, Danesi R, Kirland CT, Baum CE, Ockers SB, Stein EV, Steinberg SM, Price DK, **Figg WD**. ER and CYP19 Polymorphisms versus Risk, Prognosis, and Therapeutic Outcome in Men with Prostate Cancer Treated with Doxetaxel-Based Therapy. *J Clin Endocrin Metabol*. [In Press](#).
- 488 Goodman PJ, Tangen CM, Kristal A, Thompson IM, Lucia MS, Platz EA, **Figg WD**, Hoque A, Hsing A, Neuhouser ML, Parnes H, Reichardt JKV, Santella RM, Till C, Lippman SM. Transition of a Clinical Trial into Translational Research: The Prostate Cancer Prevention Trial Experience. *Cancer Prevent*. [In Press](#).
- 489 **Figg WD**, Chau C (Editors). Getting into Pharmacy School, 3rd Edition. Published by Kaplan Publishing, New York, NY, 2011.
- 490 Figg WD, **Figg WD**. Carbazitaxel: Filling one of the Gaps in the Treatment of Prostate Cancer. *Cancer Bio Ther*. [In Press](#).
- 491 Troutman S, Price DK, **Figg WD**. Prostate Cancer Genomic Signature Offers Prognostic Value. *Cancer Bio Ther*. [In Press](#).
- 492 Kelly RJ, Draper D, Robey R, Piekarz R, **Figg WD**, Chen X, Chen C, Gardner ER, Balis F, Venkatesan AM, Fojo T, Bates SE. A Pharmacodynamic Study of Docetaxel in Combination with the P-glycoprotein Antagonist, Tariquidar (XR9576) in Patients with Lung, Ovarian and Cervical Cancer. *Clin Cancer Res*. [In Press](#).
- 493 Sissung TM, Gardner ER, Pekar RL, Howden R, Chen X, Woo S, Franke R, Clark JA, Miller-DeGraff L, Steinberg SM, Venzon D, Kleeberger SR, Bates SE, Price DK, Rosing DR, Cabell C, Sparreboom A, **Figg WD**. Impact of ABCB1 allelic variants and QTc interval Prolongation. *Clin Cancer Res*. [In Press](#).
- 494 Stein W, Gulley JL, Schlom J, Madan RA, Dahut W, **Figg WD**, Ning YM, Arlen PM, Price DK, Bates SE, Fojo T. Tumor regression and growth rates Determined in Five Interamural NCI Prostate Cancer Trials: The growth Rate Constant as an Indicator of Therapeutic Efficacy. *Clin Cancer Res*. [In Press](#).

Submitted

- 495 Jain L, Woo S, Dahut WL, Kohn EC, Kummar S, Yarchoan R, Giaccone G, Venitz J, **Figg WD**. Population Pharmacokinetics of Sorafenib in Patients with Solid Tumors using Clinical and Pharmacogenetic Patient Covariates. *Br J Clin Pharmacol*.
- 496 Ge Y, L QQ, Yabe I, **Figg WD**, Quintero J, Haggerty CM, Gardner K. Functional Transcriptional Pathways and Biomarker Profiling of Novel Selective cytokine Inhibitory Drugs in Mitogen-Activated Leukemic Cells.
- 497 Chau CH, Steinberg SM, Price DK, **Figg WD**. Identification of small ubiquitin-like modifier 4 (SUMO-4) gene polymorphism in cancer cells, an association between inflammation and cancer development.
- 498 Chau CH, Wang W, Price DK, Harris C, **Figg WD**. Impact of HIF-1 alpha gene polymorphisms in Patients with Lung Cancer.
- 499 Sausville EA Monga M, Headlee D, Messman R, Elsayed Y, Murgo A, Melillo G, Woo W, Zhai S, Hwang K, Senderowicz A, Hollingshead M. Arbutin SG, **Figg WD**. A Phase I Trial of Oral Perifosine with Different Loading Schedules in Patients with Refractory Neoplasms.
- 500 Marti GE, Stetler-Stevenson MA, Drbohlav N, White T, Staudt L, **Figg WD**, Tohnya T, Jaffe E, Dunleavy KM, Janik J, Wilson WH. Phase I Trial of 7-Hydroxystaurosporine (UCN-01) and Fludarabine Phosphate (FAMP) In Vivo Evidence of UCN-01 Induced Apoptosis in CLL.
- 501 Chau CH, **Figg WD**. Pharmacodynamic Biomarkers. *Bioanalysis*.
- 502 Sissung TM, DiPaolo A, Baum CE, English BC, Venzon D, Price DK, **Figg WD**. NAT2 slow Acetylation Haplotypes are associated with the Clinical Outcome of Thalidomide-based Therapy.
- 503 Guo D, Cain JP, O'Connell S, Gardner ER, Pisle S, **Figg WD**, Tabibi SE, Yalkowsky SH. Preformulation Study of NSC-726796.
- 504 Yang M, Xie W, Mostaghel E, Sun T, Pomerantz M, Freedman M, Ross R, Regan M, Sharifi N, **Figg WD**, Balk S, Brown M, Oh W, Lee GSM, Kantoff P. SLCO2B1 and SLCO1B3 as Pharmacogenetic Determinants of Resistance to Androgen Deprivation Therapy in Prostate Cancer Patients. *J Clin Oncol*.
- 505 Pluta RM, Oldfield EH, Bakhtian KD, Fathi AR, Smith RK, DeVroom HL, Nahavandi M, Woo S, **Figg WD**, Lonser RR. Safety and feasibility of Long Term Intravenous Sodium Nitrite Infusion in Healthy Volunteers. *PLoS ONE*.
- 506 Chau CH, Reece K, **Figg WD**. The Role of the Hypoxia-Inducible Factor 1 SNPs as Prognostic Markers for Major Solid Tumors.
- 507 Yao S, Till C, Kristal AR, Goodman PJ, Hsing AW, Tangen CM, Platz EE, Stanczyk FZ, Reichardt JKV, Tang L, Neuhaus ML, Santella RM, **Figg WD**, Price DK, Parnes HL, Lippman SM, Thompson IM, Ambrosone CB, Hoque A. Serum Estrogen Levels and Prostate Cancer Risk in the Prostate Cancer Prevention Trial: A Nested Case-Control Study. *Cancer Epi Biomark Prevent*.
- 508 Holkova B, Perkins EB, Ramakrishnan V, Tombes MB, Shrader E, Talreja N, Wellons MD, Roodman GD, Coppola D, Kang L, Dawson J, Stuart RK, Peer C, **Figg WD**, Kolla S, Doyle A, Sullivan DM, Roberts JD, Grant S. Phase I Trial of Bortezomib (PS-341; NSC 681239) and Alvocidib (Flavopiridol; NSC 649890) in Patients with Recurrent or Refractory Indolent B-cell Neoplasms. *Clin Cancer Res*.

- 509 Safety (toxicity), Pharmacokinetics, Immunogenicity and Impact on Elements of the Normal Immune System of Recombinant Human IL-15 in Rhesus Macaques. *Blood*.
- 510 Piekarz RL, Frye R, Prince HM, Kirschbaum MH, Sain J, Allen SL, Jaffe ES, Ling A, Turner M, Peer CJ, **Figg WD**, Steinberg SM, Smith S, Joske D, Lewis I, Hutchins L, Craig M, Fojo AT, Wright JJ, Bates SE. Phase II Trial of Romidepsin in Patients with Peripheral T-cell Lymphoma. *Blood*.
- 511 Gao R, Price DK, Rosenberg SA, **Figg WD**. Haplotypes of ERCC1 Polymorphisms are Associated with Melanoma.
- 512 Gao R, Price DK, **Figg WD**. Review on Nucleotide Excision DNA Repair in Cancer and Cancer Therapy.
- 513 Pressler HM, Sissung TM, Marino M, Venzon D, Price DK, **Figg WD**. Expression of OATP family members in normal and human tissues and malignancies: potential cancer biomarkers. *Am J Phys - Endocrin Disease*.
- 514 Franke RM, Lancaster CS, Peer CJ, Gibson A, Kosloske AM, Orwick SJ, Mathijssen RH, **Figg WD**, Baker SD, Sparreboom A. Dependence of Erythromycin Metabolism on ABCC2 (MRP2) Transport Function. *Clin Pharmacol Therap*.
- 515 Danasi R, Sissung T, Price DK, **Figg WD**. Pharmacogenetics in Prostate Cancer. *Endocrin Relat Cancer*.
- 516 AZD2171

Over 400 Abstracts

Invited Presentations:

- 1 "The Pharmacokinetics of Immunotoxins" Georgetown University, School of Medicine, Washington, DC, December 1994.
- 2 "Utilization of Pharmacokinetic Principles in Anticancer Drug Development" Louisiana State University Medical Center, Shreveport, LA, June 1995.
- 3 "The Mutated Androgen Receptor and Its Role in the Development of Hormone Refractory Prostate Cancer" Uniformed Services University of Health Sciences, Medical School, Bethesda, MD, January 1996.
- 4 "Role of Pharmacist in Government Research (i.e., NIH)" Albany College of Pharmacy, Albany, NY, February 1996.
- 5 "Suramin in Prostate Cancer: The NCI's Experience" University of Indiana's 7th Annual Uro-Onc Meeting, New Orleans, LA, November 1996.
- 6 "Update on the Treatment of Stage D Prostate Cancer" University of Arkansas Cancer Center, Little Rock, AR, January 1997.
- 7 "Preclinical Screening of Angiogenesis Inhibitors" 1st Annual Invitational Oncology Pharmacy Conference, Newport Beach, CA, February 1997.
- 8 "Thalidomide in the Treatment of Prostate Cancer" Johns Hopkins Oncology Center, Baltimore, MD, March 1997.
- 9 "Inhibition of Angiogenesis" CaPCURE Annual Meeting, Tahoe, NV, September 1997.
- 10 "Phase II of Thalidomide in Androgen Independent Prostate Cancer" 4th Annual Angiogenesis Meeting, Hamilton, Bermuda, October 1997.
- 11 "Dilemmas in the Development of New Agents to Treat Hormone Refractory Prostate Cancer" Harvard Medical School, Boston, MA, February 1998.
- 12 "PSA as a Surrogate Marker In Metastatic Prostate Cancer" 2nd Annual Invitational Oncology Pharmacy Conference, Newport Beach, CA, February 1998.
- 13 "The Role of Angiogenesis Inhibitors in Prostate Cancer" Strategic Research Institute, Princeton, NJ, March 1998.
- 14 "Treatment of Stage D0 Prostate Cancer with Angiogenesis Inhibitors" Aberdeen University Medical School, Aberdeen, Scotland, June 1998.
- 15 "Validation of a Rat Aorta Angiogenesis Model" Nagoya Cancer Meeting, Nagoya, Japan, September 1998.
- 16 "Tumor Markers as Surrogate Endpoints" American Association of Pharmaceutical Scientist, San Francisco, CA, November 1998.
- 17 "Clinical Development of Matrix Metalloproteinase Inhibitors" 1st International Symposium on Anti-Angiogenic Agents, Dallas, TX, January 1999.
- 18 "Clonal Analysis of Trinucleotide Repeat in Androgen Receptor" 3rd Annual Invitational Oncology Pharmacy Meeting, Napa Valley, CA, February 1999.

- 19 "Surrogate Endpoints of Antiangiogenesis Clinical Trials" Institute for International Research, Bethesda, MD, February 1999.
- 20 "Trinucleotide Repeat in the Androgen Receptor" South West Oncology Group, Chicago, IL, July 1999.
- 21 "Anticancer Drug Development Targeted towards Solid Tumors" Breast Cancer Think Tank, Chantilly, VA, July 1999.
- 22 "Thalidomide in Solid Tumors" NCI Molecular and Clinical Grand Rounds, Bethesda, MD, September 1999.
- 23 "Men's Health - Treatment of Prostate Cancer" University of Wisconsin Symposium, Milwaukee, WI, September 1999.
- 24 "Advances in the Treatment of Androgen Independent Prostate Cancer" American College of Clinical Pharmacy, Kansas City, MO, October 1999.
- 25 "Thalidomide in Metastatic Prostate Cancer" Mt Sinai Cancer Center, New York, NY, November 1999.
- 26 "Importance of Apoptosis in the Development and Treatment of Cancer" American Society of Hospital System Pharmacist, Orlando, FL, December 1999.
- 27 "Angiogenesis as an Anticancer Target" National Institutes of Health Clinical Center Grand Rounds, Bethesda, MD, December 1999.
- 28 "Treatment Options for Metastatic Prostate Cancer" Cornell University Medical Center - New York Hospital Hematology/Oncology Grand Rounds, New York, NY, January 2000.
- 29 "Species Specificity for Endostatin" University of Wisconsin Cancer Center/School of Pharmacy Grand Rounds, Madison, WI, January 2000.
- 30 "Moving MMP Inhibitors from Bench to Clinic" Invasion Metastasis Conference Japan/USA, Maui, HI, February 2000.
- 31 "Development Plan for Cytostatic Anticancer Agents" Cell Biology Department Seminar Series, MD Anderson Cancer Center Grand Rounds, Houston, TX, February 2000.
- 32 "AIPC - What Treatments are Available" Medical College of Virginia, Richmond, VA, February 2000.
- 33 "Combination Therapy (Angiogenesis Inhibition, MMP Inhibition, and Chemotherapy) for the Treatment of Prostate Cancer" Cancer Center Grand Rounds, Albert Einstein Medical School, New York, NY, March 2000.
- 34 "Treatment Options for Metastatic Prostate Cancer" Seminars in Oncology, Howard University Medical School, Washington, DC, April 2000.
- 35 "Clinical Pharmacology for Angiogenesis Inhibitors - Abstract Highlights" American Society of Clinical Oncology Annual Meeting, New Orleans, LA, April 2000.
- 36 "Identification of Analogs of Thalidomide that Inhibit Angiogenesis" VA Hospital University of Pittsburgh, Pittsburgh, PA, August 2000.
- 37 "Bioassay for Angiogenesis" North Shore University Medical Hospital, Manhasset, NY, September 2000.

- 38 "Metabolism of Thalidomide" Multiple Myeloma Foundation Round Table, Boston, MA, October 2000.
- 39 "Treatment of Metastatic Prostate" Novel Molecular Targets in the Treatment of Cancer, Buenos Aires, Argentina, October 2000.
- 40 "Targeting Invasion and Metastasis in the Treatment of Cancer" Novel Molecular Targets in the Treatment of Cancer, Buenos Aires, Argentina, October 2000.
- 41 "Targeting Angiogenesis in the Treatment of Cancer" NIH Research Festival, Bethesda, MD, October 2000.
- 42 "Advances in the Treatment of Prostate Cancer" University of California at Los Angeles Cancer Center, Los Angeles, CA, November 2000.
- 43 "Finding a Role for Angiogenesis Inhibitors in the Treatment of Prostate Cancer" Cancer Chemotherapy Foundation, Mt Sinai, NY, November 2000.
- 44 "Advances in the Treatment of Androgen Independent Prostate Cancer" VA Hospital, Kansas City, MO, November 2000.
- 45 "Thalidomide: Place in Solid Tumor Therapy" University of Kansas, Kansas City, MO, November 2000.
- 46 "Screening for Angiogenesis Inhibitors" Washington Hospital Center Cancer Center, Washington, DC, January 2001.
- 47 "Novel Inhibitors of Angiogenesis" 1st International Congress on Prostate Cancer, San Juan, PR, June 2001.
- 48 "Isozymes Responsible for the Metabolism of Thalidomide" International Congress of Therapeutic Drug Monitoring, Washington, DC, September 2001.
- 49 "Developing Analogs of Thalidomide" Los Angeles VA Hospital, Los Angeles, CA, October 2001.
- 50 "Stage D0 Cooperative Trial for Prostate Cancer" Seattle Urology Association, Seattle, WA, November 2001.
- 51 "Finding a Clinical Role for Antiangiogenic Therapy" Fred Hutchinson Cancer Research Center, Seattle, WA, November 2001.
- 52 "Prostate Cancer: Treatment Options" West Virginia University School of Pharmacy, Morgantown, WV, February 2002.
- 53 "How to Form a Drug Development Program" West Virginia University Cancer Center, Morgantown, WV, February 2002.
- 54 "Evaluation of Endostatin in Human Saphenous Vein Model" Cold Spring Harbor, NY, March 2002.
- 55 "The Role of Circulating Endothelial Cells in Angiogenesis of a Solid Tumor" North Dakota State University, Fargo, ND, March 2002.
- 56 "Preclinical Models to Assess Angiogenesis" International Conference on Prostate Cancer, Barcelona, Spain, April 2002.
- 57 "New Agents Targeting Prostate Cancer" International Conference on Prostate Cancer, Barcelona, Spain, April 2002.

- 58 "Identification of Novel Agents to Inhibit Angiogenesis" NIH Clinical Center Grand Rounds, Bethesda, MD, June 2002.
- 59 "Angiogenesis Inhibitors in the Treatment of GU Cancers: Real or Fiction" 2nd Annual GU Malignancy International Conference, St. Thomas, USVI, July 2002.
- 60 "The Business of Science: The Relationship between the Private Sector and the Public Sector" Columbia University School of Business, New York, NY, July 2002.
- 61 "Pharmacogenetic variance in the Cytochrome P4502C19 Isozyme in patients with Prostate Cancer" Schelling Conference, American Cancer Society, Santa Cruz, CA, September 2002.
- 62 "Herbal Therapies for Patients with Prostate Cancer" Alliance for the Prevention and Treatment of Prostate Cancer, Morristown, NJ, October 2002.
- 63 "Preclinical Models to Screen for Antiangiogenic Agents" Society of Biological Therapy, San Diego, CA, November 2002.
- 64 "Docetaxel plus Thalidomide compared with Docetaxel in patients with AIPC" Chemotherapy Foundation, New York, NY, November 2002.
- 65 "Combining Agents that Target Endothelial Cells with Cytotoxic Chemotherapy" LSU CE Program, New Orleans, LA, November 2002.
- 66 "Randomized Phase II Trial of Docetaxel plus Thalidomide vs Docetaxel in Patients with AIPC" 2nd International Summit of Opinion Leaders in GU Malignancy, St. Thomas, USVI, January 2003.
- 67 "The Future of Angiogenesis Inhibition in the Treatment of Cancer" Baylor Medical School, Houston, TX, March 2003.
- 68 "Molecular Targeted Therapy for the Treatment of Cancer – Drug Development Road Map" West Virginia University Medical School Grand Rounds, Morgantown, WV, March 2003.
- 69 "The Role of Taxotere in the Treatment of Metastatic Prostate Cancer" Roundtable on GU Oncologist, Palm Beach, FL, March 2003.
- 70 "Tumor Angiogenesis" NIH Pharmacy Department 8th Annual CE Program, Bethesda, MD, May 2003.
- 71 "Drug Development for Targeted Anticancer Agents" University of New Mexico, Albuquerque, NM, June 2003.
- 72 "Thalidomide Plus Taxotere" ASCO Aventis Investigators Meeting, Chicago, IL, June 2003.
- 73 "Where do we go with agents that target endothelial cells as a Anticancer Therapy" Instituto Nacional de Cancer, Rio De Janeiro, Brazil, June 2003.
- 74 "Thalidomide and the Treatment of Kidney Cancer" Kidney Cancer Association, Chicago, IL, July 2003.
- 75 "Determining the Starting Dose for Phase 1 Trials" CBI's Conference on Maximizing Phase 1 Studies, Alexandria, VA, September 2003.
- 76 "Genetic Variables in Androgen Metabolism" NCI's Hormones in Cancer Conference, Hunt Valley, MD, October 2003.

- 77 “Angiogenesis Inhibitors in Prostate Cancer” American Urological Association Section Meeting, Boca Raton, FL, October 2003.
- 78 “Biomarkers in Cancer Trials” Institute for International Research, Phase I Trials in Oncology, Washington, DC, January 2004.
- 79 “Thalidomide Analogs in Renal Cancer” 3rd Annual Meeting on GU Cancers, Santa Barbara, CA February 2004.
- 80 “Microarray Analysis of Androgen Dependent and Androgen Independent Prostate Cancer” Androgen Metabolism Symposium, Keystone, CO, March 2004.
- 81 “Combining Angiogenesis Inhibitors with Chemotherapy in the Treatment of Pancreatic Cancer” Pisa, Italy, April 2004.
- 82 “Antiangiogenesis Agents in the Treatment of Renal Cell Cancer” ASCO Annual Meeting, New Orleans, LA, June 2004.
- 83 “Treatment Options for Metastatic GU Cancer” University of Iowa GU Conference, Iowa City, IA, June 2004.
- 84 “Update on Angiogenesis Inhibitors in GU Cancer” 4th Annual International Prostate Cancer Congress, Freeport, Bahamas, July 2004.
- 85 “How are Pharmaceuticals Developed and Approved in the US” Columbia University’s School of Public Health, New York, NY, August 2004.
- 86 “Pharmacogenetics of Prostate Cancer” Italian Society of Pharmacology, University of Pisa, Pisa, Italy, October 2004.
- 87 “Developing Anticancer Agents (Lead Compound to IND)” University of Delaware, Newark, DE, November 2004.
- 88 “Interactions between Anticancer Agents and Herbal Products” NCAM, Bethesda, MD, December 2004.
- 89 “Survival Update for the Combination of Thalidomide and Docetaxel in AIPC” ASCO Prostate Cancer Meeting, Orlando, FL, February 2005.
- 90 “Leon Goldberg Lecture – Relationship between Anticancer Drug Development and Pharmacogenetics” American Society of Clinical Pharmacology and Therapeutics, Orlando, FL, March 2005.
- 91 “Angiogenesis as a Target for Prostate Cancer Drug Development” University of Michigan Department of Urology, Ann Arbor, MI, March 2005.
- 92 “NCI’s Direction in the Treatment of AIPC” National Complementary and Alternative Medicine Institute, Bethesda, MD, March 2005.
- 93 “Using Preclinical Models to Influence Anticancer Drug Development” Pharmaceutical Summit, Philadelphia, PA, March 2005.
- 94 “Using Preclinical Pharmacogenetics Information to Influence Clinical Development of Anticancer Agents” American College of Clinical Pharmacology, Myrtle Beach, SC, April 2005.

- 95 "Pharmacogenetics Influence in Healthcare Management" Delaware Valley Healthcare Association, Philadelphia, PA, April 2005.
- 96 "Combination of Thalidomide and Docetaxel in AIPC" Society of Urologic Oncology, San Antonio, TX, May 2005.
- 97 "Advances in the Treatment of Androgen Independent Prostate Cancer" COA Annual Meeting of the Public Health Service, Philadelphia, PA, June 2005.
- 98 "Translating Research into Healthcare Outcomes" Asian Society of Pharmacy, Singapore, June 2005.
- 99 "Pharmacogenetics of Anticancer Drug Development" Asian Society of Pharmacy, Singapore, June 2005.
- 100 "Thalidomide in the Treatment of AIPC" National Cancer Center, Singapore, June 2005.
- 101 "Pharmaceutical Industry's Strategy in Developing New Agents" Columbia University's Public Health School, New York, NY, July 2005.
- 102 "ABCG2 – Polymorphisms in this Transporter can Alter the Pharmacokinetics of Drugs" FASEB Saxon River, VT, July 2005.
- 103 "Endothelial Cells in Solid Tumors" Washington Hospital Center, Washington, DC, September 2005.
- 104 "Research Pharmacist's Role in Anticancer Drug Development" University of Southern California School of Pharmacy, Los Angeles, CA, October 2005.
- 105 "Synergy between Chemotherapy and Targeted Anticancer Agents" Molecular Oncology Conference, Crete, Greece, October 2005.
- 106 "The Relationship between Inflammation and Prostate Cancer" American College of Clinical Pharmacy, San Francisco, CA, October 2005.
- 107 "Research within the Intramural Program at the National Institutes of Health" University of California San Francisco, CA, October 2005.
- 108 "The Importance of Genetic Variances in Response to Anticancer Treatments" Health Disparity Conference, National Institutes of Health, November 2005.
- 109 "The Future of Pharmacy" University of Sydney, Sydney, Australia, November 2005.
- 110 "Rational Drug Design and Development" University of Sydney, Sydney, Australia, November 2005.
- 111 "The Value of Stem Cells in Medical Research" St. Johns Episcopal Church, McLean, VA, December 2005.
- 112 "Inflammation's Role in the Development and Progression of Prostate Cancer" NIH's Lecture Series for Practicing Physicians, May 2006.
- 113 "The Importance of Pharmacogenetics in the Treatment of Cancer of the Prostate" 15th World Congress on Pharmacology, Beijing, China, July 2006.
- 114 "Combination of Angiogenesis Inhibitor and Chemotherapy in the Treatment of AIPC" 6th Annual Congress on Prostate Cancer, Boca Raton, FL, July 2006.

- 115 "Genetic Evidence of Evolution" St. Johns Episcopal Church, McLean, VA, August 2006.
- 116 "Public Policy and Healthcare Outcomes" Columbia University School of Public Health, New York, NY, September 2006.
- 117 "Development of Thalidomide as an Angiogenesis Inhibitor – from Screening to the Clinic" The Angiogenesis Foundation's 4th Annual International Conference, Boston, MA, October 2006.
- 118 "Development of Angiogenesis Inhibitors – from Screening to the Clinic" eCheminfo InterAction Meeting, Bryn Mawr College, Philadelphia, PA, October 2006.
- 119 "Pathway for the Development of PharmD Independent Researchers" National Institutes of Health Conference on Pharmacy Research, Bethesda, MD, December 2006.
- 120 "Career Options in Pharmacy" National Institutes of Health IRTA post-bac Program, January 2007.
- 121 "Clinical Pharmacologist: Supply and Demand" University of Minnesota College of Pharmacy - Graduate Student Program, May 2007.
- 122 "Opportunities for Science at the NIH" University of Maryland Graduate Student Retreat, Hapers Ferry, WV, June 2007.
- 123 "Molecular Pharmacology of CPS49" Dartmouth College, Department of Pharmacology and Toxicology Annual Graduate Student Seminar, Hanover, NH, June 2007.
- 124 "Identification and Validation of Biomarkers in Cancer" American College of Clinical Pharmacology, Denver, CO, October 2007.
- 125 "The Impact of the Human Genome Project on Drug Development" Tyson's Corner Rotary Club, McLean, VA, November 2007.
- 126 "Pharmacogenetics: Ethnic Differences" American Associate of Cancer Research, Atlanta, GA, November 2007.
- 127 "Thalidomide in Solid Tumors" Chinese Clinical Pharmacologist NIH Meeting, Bethesda, MD, December 2007.
- 128 "Sorafenib in Prostate Cancer" Bayer Review of Sorafenib in Solid Tumors, Chicago, IL, April 2008.
- 129 "Review of the Last 5 Years of Nobel Prizes in Physiology and Medicine" St. John's Episcopal Church, McLean, VA, April 2008.
- 130 "Candidate Gene vs High Through Genotyping" Affymetrix, San Francisco, CA, April 2008.
- 131 "Use Your Degree to Make a Difference" Samford University Commencement Address, Birmingham, AL, May 2008.
- 132 "Best of GU Cancer Presentations at the 2008 ASCO Meeting" Best of ASCO Meeting, Los Angeles, CA, June 2008.
- 133 "Candidate Gene versus High Through Put for Pharmacogenetics" Japan Cancer Association, Nagoya, Japan, October 2008.

- 134 “Development of Thalidomide and Thalidomide Analogs in the Treatment of Solid Tumors” Nagoya Medical School, Japan, October 2008.
- 135 “Distinguish Lecturer – Angiogenesis Inhibitors in the Treatment of Cancer” Japanese Society for the Study of Xenobiotics, Komomoto, Japan, October 2008.
- 136 “Using Pharmacological Principles to Optimize Drug Development” Keynote Lecture at the Graduation Ceremony of the NIH PRAT Program, Bethesda, MD, July 2009.
- 137 “Research Opportunities for Pharmacy” Samford University School of Pharmacy, August 2009.
- 138 “New Treatment for Prostate Cancer” Mayo Clinic, Rochester, MN, October 2009.
- 139 “Basic Science Research is a Career Option” HHMI’s Georgetown College Lecture Series, Georgetown, KY, October 2009.
- 140 “Personalized Oncology Therapy” Research Triangle Institute, Chapel Hill, NC, October 2009.
- 141 “Role of Pharmacist can Play in Anticancer Drug Development” University of Iceland, Reykevik, Iceland, February 2010.
- 142 “Strategy for Drug Development for Pharma and Biotechs” Reykevik University, Reykevick, Iceland, February 2010.
- 143 “Transport of Androgens via OATP1B3” Prostate Cancer Foundation Treatment Science Meeting, Bethesda, MD, April 2010.
- 144 “Clinical Pharmacy Research: Supply and Demand” American College of Clinical Pharmacy Spring Meeting, Charlotte, NC, April 2010.
- 145 “Opportunities for Pharmacist in Research” University of Connecticut, Storrs, CT, September 2010.

Research Funding and CRADA Support:

National Institutes of Health, National Cancer Institute, Clinical Pharmacology Program and Molecular Pharmacology Section, MOB - Intramural Funding – 1992-present - all projects

élan Pharmaceutical Company – CRADA (#0139) \$450,000 - 1995-1996 - Principal Investigator
“Clinical and Preclinical Development of Phenylbutyrate as an Anticancer Agent”

NIH Office of Minority Health - \$1,631,000 - 1997-2000 - Principal Investigator “Determining the Correlation Between Androgen Receptor CAG Trinucleotide Repeat Length and Prostate Cancer Risk”
Collaboration with Southwest Oncology Group

American College of Clinical Pharmacy Oncology Fellowship - \$20,000 – 1998-2000 - Principal Investigator “Determination of CAG Repeat Length in the Exon 1 of the Androgen Receptor of Native American Men and Hispanic Men”

Unrestricted Gift from Frank J. McGuigan Trust - \$20,000 - 1997 - Principal Investigator
“Drug Development for Prostate Cancer”

Unrestricted Gift from Henry Benach Foundation - \$5,000 - Principal Investigator
"Drug Development for Prostate Cancer"

Celgene Pharmaceutical Company – CRADA (#01031) - \$460,000 - 2001 to 2008 - Principal Investigator “Preclinical and Clinical Development of CC-5013 and Other Immunomodulatory Drugs (IMiDs)”

American Biosciences, Inc. – CRADA (#01892) - \$49,000 - 2004 to 2007 - Principal Investigator
“Clinical Development of ABI-007 (a Cremophor EL-Free, Protein Stabilized, Nanoparticle Paclitaxel) for the Treatment of Solid Tumors”

American College of Clinical Pharmacy Oncology Fellowship - \$25,000 - 2002 to 2004 – Principal Investigator “Polymorphisms of drug metabolizing enzymes and clinical efficacy of anti-cancer agents: clinical pharmacogenetics in the drug development”

National Institutes of Health - PO1 Grant - Actual \$776,000 over 5 years to Figg Laboratory, Total for P01 \$27,000,000 - 2005 to 2009 – Co-Principal Investigator on Project 1 and Co-Leader of Core B
“Molecular Analysis of the PCPT”

Regeneron - CRADA (02054) - 2005 to 2007 - Principal Investigator “Effect of Vascular Endothelial Growth Factor (VEGF) Trap, a Protein Chimera Constructed from Two VEGF Receptors, on Tumor Growth and Metastasis in the Fetal Bone Metastasis Model”

Novartis - M-CRADA (01297) - 2002 to 2004 - Principal Investigator “Research to Determine the Effect of Novartis Signal Transduction Inhibitor STI571 in LNCaP, a Prostate Cancer Cell Line

Locus Pharmaceuticals - CRADA (01952) - 2004 to 2008 - Principal Investigator “Identification, Characterization and Development of Inhibitors that Act on Heat Shock Protein 90 (HSP90) using Locus Pharmaceutical, Inc.’s Core Technology”

Guilford Pharmaceutical - CRADA (00777) - 1998 to 1999 - Principal Investigator

Immunex - M-CRADA (00620) - 1997 to 1998 - Principal Investigator

Center for Disease Control – \$750,000 - 2007 to 2010 – Principal Investigator “Genetic Risk Factors for the Development of Cancer and Response to Cancer Treatment”

NCI Director’s Innovation Award - \$50,000 – Principal Investigator

GPC Biotech AG - CRADA (02400) - 2009 to present – Principal Investigator “Studies to Determine the Effects of ERCC1 (Excision Repair Cross Complementing 1) Expression on Cellular Sensitivity to Platinum Containing Agents Such as Satraplatin”

Biocompatibles UK Ltd – CRADA (02412) - \$80,000 to CPRC - 2008 to present - Co-Investigator “Studies into the Application of Drug Eluting Beads in the Treatment of Colorectal Metastases to the Liver”

SynDevRX CRADA – CRADA (02465) - 2009 to present – Principal Investigator “Preclinical and Clinical studies with SynDevRx Inc.’s Caplostatin”

TRACON CRADA (02467) - \$200,000 – 2009 to present – Principal Investigator “Development of Tracon Pharmaceuticals TRC105 (anti-CD105 antibody) for use in prostate cancer”

NIH Bench-to-Bedside (\$60,000 to the Figg laboratory) – 2009 to 2011 – Co-Investigator “Clopidogrel Pharmacogenetics”

Department of Defense Prostate Cancer Research Programs (CDMRP) Prostate Cancer Training Award (Heather Pressler Graduate Student) – \$90,000 – 2009 to 2012 – Mentor

Patents and Licenses

Human Saphenous Vein Angiogenesis Assay - CuraGen Corp. – Licensed

Thalidomide Analogs for Inhibition of Angiogenesis

U.S. Provisional Application 10/469,359 filed Feb 2001 (HHS Reference No. E-282-2000/0-US-01)

PCT Application No. PCT/US02/05868 filed 26 Feb 2002, which published as WO 2002/068414 on 6 Sep 2002 (HHS Reference No. E-282-2000/0-PCT-02)

U.S. Patent Application filed 14 Nov 2003 (HHS Reference No. E-282-2000/0-US-07)

2-(2,4-Difluoro-phenyl)-isoindole-1,3-dione
2-(2,4-Difluoro-phenyl)-4,7-dimethyl-isoindole-1,3-dione
2-(2,4-Difluoro-phenyl)-4,5,6,7-tetrafluoro-isoindole-1,3-dione
2-(2,4-Dioxo-1,2,3,4-tetrahydro-pyrimidin-5-yl)-4,5,6,7-tetrafluoro-isoindole-1,3-dione
2-(2,4-Dioxo-1-phenyl-1,2,3,4-tetrahydro-pyrimidin-5-yl)-isoindole-1,3-dione
2-(2,4-Dioxo-1-phenyl-1,2,3,4-tetrahydro-pyrimidin-5-yl)-4-nitro-isoindole-1,3-dione
2-(2,4-Dioxo-1,2,3,4-tetrahydro-pyrimidin-5-yl)-isoindole-1,3-dione
5-(1,3-Dioxo-1,3-dihydro-isoindol-2-yl)-5-ethyl-1-phenyl-pyrimidine-2,4,6-trione
5-Ethyl-5-(4-nitro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-1-phenyl-pyrimidine-2,4,6-trione
1-Cyclohexyl-5-(1,3-dioxo-1,3-dihydro-isoindol-2-yl)-5-ethyl-pyrimidine-2,4,6-trione
5-Ethyl-1-phenyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione
Licensed Dec. 2002 from the NIH to Celgene Corp.

Thalidomide and Thio-thalidomide Analogs for Inhibition of Angiogenesis and TNF- α

U.S. Provisional Application 60/504,724 filed 17 Sep 2003 (HHS Reference No. E-189-2003/0-US-01)

PCT Application No. PCT/US04/30506 filed 17 Sep 2004, which published as WO 2005/02846 on 31 Mar 2005 (HHS Reference No. E-189-2003/0-PCT-02)

U.S. Patent Application filed 17 Mar 2006

2-(2,6-Dithioxo-piperidin-3-yl)-3-thioxo-2,3,3a,7a-tetrahydro-isoindol-1-one (Z-3-099 I)
2-(2-Oxo-6-thioxo-piperidin-3-yl)-3a,7a-dihydro-isoindole-1,3-dione (Z-2-085)
2-(1,3-Dithioxo-1,3,3a,7a-tetrahydro-isoindol-2-yl)-pentanedioic acid dimethyl ester (Z-3-013 I)
Acetic acid 6-(2,6-dioxo-piperidin-3-ylthiocarbamoyl)-cyclohexa-2,4-dienyl ester (Z-3-103)
2-(2-Hydroxy-6-methoxy-pyridin-3-yl)-isoindole-1,3-dione hydrobromide (Z-2-087)
2-(2,6-Dihydroxy-pyridin-3-yl)-isoindole-1,3-dione hydrobromide (Z-2-093)
2-(2,6-Dioxo-1-phenethyl-piperidin-3-yl)-isoindole-1,3-dione (Z-2-105)
2-(2,6-Dioxo-piperidin-3-yl)-pyrrolo[3,4-c]pyridine-1,3-dione (Z-2-115)
3-(3-Oxo-2,3-dihydro-isoindol-1-ylidene)-piperidine-2,6-dione (Z-2-141)
2-(2,6-Dimethoxy-pyridin-3-yl)-isoindole-1,3-dithione (Z-2-165)
2-(2,6-Dioxo-piperidin-3-yl)-4-hydroxy-isoindole-1,3-dione (Z-3-171)
2-Benzyl-3-benzylimino-2,3-dihydro-isoindol-1-one (Z-3-055)
2-(1-Oxo-3-thioxo-1,3-dihydro-isoindol-2-yl)-pentanedioic acid (Z-3-063)
2-(2,6-Dithioxo-piperidin-3-yl)-isoindole-1,3-dione (Z-3-073 I)
2-(2-Oxo-6-thioxo-piperidin-3-yl)-3-thioxo-2,3-dihydro-isoindol-1-one (Z-3-073 II)
2-(2,6-Dioxo-piperidin-3-yl)-benzo[de]isoquinoline-1,3-dione (Z-3-091)
2-(2,6-Dioxo-piperidin-3-yl)-3a,9a-dihydro-benzo[f]isoindole-1,3-dione (Z-3-097)

Tetrahalogenated Compounds Useful as Inhibitors of Angiogenesis

U.S. Provisional Application 60/798,098 filed 13 Apr 2006 (HHS Reference No. E-080-2006/0-US-01)

PCT Application No. PCT/US2007/008849 filed 10 Apr 2007, which published as WO 2007/120669 on 25 Oct 2007 (HHS Reference No. E-080-2006/0-PCT-02)

U.S. Patent Application filed 10 Oct 2008 (HHS Reference No. E-080-2006/0-US-06)

1-Cyclohexyl-5-ethyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu977)
1-Ethyl-5-methyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu973)
1-Cyclohexyl-5-methyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu974)
5-Methyl-1-propyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu997)
1,5-Diethyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu987)
5-Ethyl-1-isopropyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu989)
1-Isopropyl-5-methyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu993)
1,5-Dimethyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu1000)
5-Ethyl-1-propyl-5-(4,5,6,7-tetrafluoro-1,3-dioxo-1,3-dihydro-isoindol-2-yl)-pyrimidine-2,4,6-trione (Gu998)
N-(1-Ethyl-5-methyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu965)
N-(1-Cyclohexyl-5-methyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu976)
N-(1-Cyclohexyl-5-ethyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu978)
2,3,4,5-Tetrafluoro-N-(5-methyl-2,4,6-trioxo-1-propyl-hexahydro-pyrimidin-5-yl)-benzamide (Gu1030)
N-(1,5-Diethyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu1029)
N-(5-Ethyl-1-isopropyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu992)
N-(5-Ethyl-2,4,6-trioxo-1-propyl-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu1031)
2,3,4,5-Tetrafluoro-N-(1-isopropyl-5-methyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-benzamide (Gu1032)
N-(1,5-Dimethyl-2,4,6-trioxo-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu1016)
N-(5-Ethyl-2,4,6-trioxo-1-phenyl-hexahydro-pyrimidin-5-yl)-2,3,4,5-tetrafluoro-benzamide (Gu984)

Use of CYP1B1*3 Genotyping to Predict Survival to Docetaxel Treatment in Androgen-Independent Prostate Cancer

E-307-2005/0-EIR-00

60/716,439 (E-307-2005/0-US-01) Filed application provisional 12/09/2005

PCT/US2006/034768 Filed application international 08/09/2006

Material and Methods for ABCB1 Polymorphic Variant Screening, Diagnosis, and Treatment

E-019-2006/0-EIR-00

60/736,083 (E-019-2006/0-US-02) Filed application provisional 10/10/2005

PCT/US06/43656 Filed application international 10/9/2006

Use of ABCB1 Genotyping to Predict Peripheral Neuropathy and Neutropenia Following Paclitaxel Treatment in Human Cancer

E-237-2006/0-EIR-00

60/807,453 (E-237-2006/0-US-01) Filed application provisional 07/14/2006

PCT/US2007/073497 Filed application international 07/13/2007

Use of OATP1B3 Genotyping to Predict Survival in Men with Prostate Cancer

E-083-2007/0-EIR-00

60/879,503 (E-083-2007/0-US-01) Filed application provisional 01/08/2007

PCT/US2008/000310 File application international 01/08/2008

Staff Scientist Working with Dr. Figg

Doug Price, Ph.D., 12/99 to present, Staff Scientist, Molecular Pharmacology Section, NCI
Alex Sparreboom, Ph.D., 11/02 to 7/06, Currently PI, St. Jude's Children's Research Hospital
Erin Gardner, Ph.D., 4/08 to 6/10, Currently, Raising a Family
Tristan Sissung, Ph.D., 5/10 to present, Staff Scientist, Pharmacogenetics, CPP, NCI

Post-Doctoral Fellows and Visiting Fellows Trained Under Dr. Figg

Richard Lush, Ph.D., 10/94 to 12/97, Currently, Executive Director of Clinical Research Operations,
H. Lee Moffitt Cancer Center & Research Institute
Bradley Simmons, Ph.D., 9/95 to 4/97, Currently, Analytical Chemist IV, US Pharmacopeia
Shannon Dixon, Ph.D., 9/95 to 10/00, Currently, High School Science Teacher
Kenneth Bauer, Pharm.D., Ph.D., 5/98 to 5/99, Currently, Associate Professor and Director of Clinical
Pharmacology Unit, Maryland School of Pharmacy
Helen H. Cho, Pharm.D., 4/97 to 8/98, Currently, Medical Manager, Roche Korea Co., Seoul, South
Korea
Jozsef Horti, M.D., Ph.D., 8/96 to 9/98, Currently, Professor of Chemotherapy & Clinical Pharmacology,
National Inst of Oncology, Budapest, Hungary
Min Hee Kang, Pharm.D., M.S., 8/98 to 9/01, Currently, Assistant Professor of Research, Texas Tech
University Health Sciences Center School of Medicine
Suoping Zhai, M.D., Ph.D., 6/98 to 11/03, Currently, Clinical Pharmacologist, Roche Pharmaceutical
Huachun Chen, Ph.D., 8/98 to 12/98, Currently, Director of Clinical Pharmacology, Eisai
Medical Research Inc.
Sonia Kim, Pharm.D., M.S., 7/99 to 9/01, Currently, Staff Pharmacist, Inova Fairfax Hospital
Waverly Woo, Pharm.D., Ph.D., 5/99 to 6/02, passed away 6/02
Yuichi Ando, M.D., Ph.D., 9/99 to 10/02, Currently, Associate Professor, Nagoya Medical School,
Nagoya, Japan
Sitara Kommareddi, M.D., 7/99 to 5/00, Currently, Staff Surgeon, Saguaro Surgical PC, Tuscon, AZ
Eiichi Fuse, Ph.D., 4/00 to 4/01, Currently, Director, Pharmacokinetic Research Laboratories, Kyowa
Hakko Kirin, Co., Ltd.
Tanyifor Tohnya, Pharm.D., 8/01 to 12/07, Currently, Associate Scientist, Clinical
Pharmacokinetic/Pharmacodynamic Dept., Genentech, Inc.
Gordon Macpherson, Ph.D., 11/01 to 4/04, Currently, Medical Writer, Human Genome Sciences, Inc.
Sylvia Ng, Ph.D., 11/01 to 5/04, Currently, Assistant Professor, University of British Columbia, Canada
& Senior Scientist, British Columbia Cancer Agency
Kyung Hwa Hwang, Ph.D., 3/02 to 7/06, Currently, Senior Research Associate, Texas Tech University
Michael Cox, Pharm.D., M.S., 9/02 to 1/06, Currently, Senior Manager of Medical Communications,
Amgen, Inc.
Nicola Smith, Ph.D., 10/03 to 4/06, Currently, Home with Family
Luca Paoluzzi, M.D., 8/03 to 7/04, Currently, Post-Doctoral Research Scientist, Columbia University,
New York
Charity Scripture, Pharm.D., M.S., 4/04 to 1/06, Currently, Senior Manager of Oncology Scientific
Affairs, Amgen, Inc.
Cindy Chau, Pharm.D., Ph.D., 9/04 to 2/09, Currently, Molecular Pharmacology Section, NCI
Haiqing Li, MD, Ph.D., 10/04 to 4/07, Currently, CRTA Fellow, Technology Transfer Center, NCI
Amy Sion, Pharm.D., 6/06 to 3/07, Currently, Clinical Pharmacist, Anne Arundel Medical Center
Tania Alchalabi, M.D., 7/06 to 7/07, Currently, Resident in Family Practice, St. Joseph Mercy Hospital,
Michigan
Xiaohong Chen, Ph.D., 9/06 to 9/08, Currently, Clinical Pharmacology Program, NCI
Haihao Sun, Ph.D., 7/07 to 10/08, Currently, Biologist, FDA
Maria Silvina Frech, Ph.D., 9/07 to 1/08, Currently, Scientist, Regulatory & Scientific Affairs
Department, Division of Cancer Prevention, NCI
Sukyung Woo, Ph.D., 1/08 to 7/10, Currently, Assistant Professor, University of Oklahoma
School of Pharmacy

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Tristan Sissung, Ph.D., 2/09 to 5/10, Currently, Staff Scientist, Clinical Pharmacology Program, NCI
Ana Pedro, Ph.D., 6/09 to 3/10, Currently, Working in Portugal
Baskar Mannarguidi, Ph.D., 12/09 to present, Clinical Pharmacology Program Fellow, NCI
Cody Peer, Ph.D., 12/09 to present, Clinical Pharmacology Program Fellow, NCI
Kelie Reece, Ph.D., 2/10 to present, Molecular Pharmacology Section, NCI

Medical Oncology and Urology Fellows Trained Under Dr. Figg

Alain Thibault, M.D., 7/93 to 1/94, Currently, Medical Officer, Regeneron Biotech
Christopher Bowden, M.D., 1/94 to 7/94, Currently, Senior Group Medical Director, Biooncology,
Clinical Development, Genentech, Inc.
Roberto Bitton, M.D., 10/94 to 6/95, Currently, Associate Director GCD, Kendle Argentina Elea
Laboratorio
Kevin Knopf, M.D., 7/99 to 7/00, Currently, Medical Oncologist and Director Quality Improvement,
California Pacific Medical Center, San Francisco, CA
Yinong Liu, M.D., Ph.D., 1/02 to 7/03, Currently, Medical Oncologist in Private Practice, Danville, KY
Michael Franks, M.D., 1/03 to 7/04, Currently, Urologist, Virginia Urology Center, Richmond, VA
Avi Retter, M.D., 7/03 to 7/05, Currently, Medical Oncologist in Private Practice, New York, NY
Edwin Posadas, M.D., 7/03 to 7/05, Currently, Assistant Professor of Medicine, University of Chicago
School of Medicine
Shenhong Wu, M.D., 7/05 to 7/06, Currently, Assistant Professor of Medicine, SUNY at Stony Brook,
NY
Chris Ahlers, M.D., 7/05 to 7/07, Currently, Associate Director, Oncology, Discovery Medicine &
Clinical Pharmacology, Princeton, NJ, Bristol Myers Squibb
Jeanny Aragon-Ching, M.D., 10/06 to 6/08, Currently, Assistant Professor of Medicine, George
Washington University
Nima Sharifi, M.D., 7/07 to 3/08, Currently, Assistant Professor, University of Texas Southwestern
David Adelberg, M.D., 1/09 to present, Clinical Associate in Medical Oncology Branch, NCI
Wenhui Zhu, M.D., 7/08 to 7/10, Currently, Assistant Professor of Oncology, Cleveland Hospital
Paul Kluetz, M.D., 7/09 to 7/10, Currently, Medical Officer, FDA
Xuan Huang, M.D., 7/10 to present, Clinical Associate in Medical Oncology Branch, NCI
Bamidele Adesunloye, M.D., 7/10 to present, Clinical Associate in Medical Oncology Branch, NCI

Visiting Professors working with Dr. Figg:

Juliann Chen, Pharm.D., 7/02 to 9/02, Visiting Professor from the University of Illinois
Romano Danesi, M.D., Ph.D., 8/03 to 9/03; 7/04 to 8/04; 7/05 to 8/05; 7/06 to 9/06; 7/07 to 9/07;
7/08 to 9/08; Visiting Professor from University of Pisa, Italy
Amanda Corbett, Pharm.D., 9/04 to 9/04, Visiting Professor from University of North Carolina
Casey Laizure, Pharm.D., 5/05 to 6/05, Visiting Professor from the University of Tennessee
Akinobu Hamada, Ph.D., 8/05 to 7/07; 9/08 to 9/08, Visiting Professor from Kumamoto University,
Japan
Valentina Rioa, Ph.D., 10/05 to 11/05, Visiting Scientist from the University of Milan, Italy
Lisa Davis, Pharm.D., 5/06 to 5/06, Visiting Professor from Philadelphia College of Pharmacy
Chiya Imamura, Ph.D., 11/07 to present, Visiting Professor from Keio University, Japan
Antonello Di Paolo, Ph.D., 1/08 to 2/08, Visiting Professor from University of Pisa, Italy
Christine Walker, Pharm.D., 6/08 to 7/08, Visiting Professor from the University of North Carolina

Research Associates working with Dr. Figg:

Jing Yu, M.D., 7/98 to 7/99
Razi Raziuddin, Ph.D., 4/99 to 2/00
Patricia Fernandez, Ph.D., 10/99 to 12/00
Misha Blagosklonny, M.D., 7/99 to 7/01
Erin Gardner, M.S., 7/06 to 4/08
Weixin Wang, Ph.D., 10/07 to 10/08
Xiaohong Chen, Ph.D., 9/06 to present

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Cindy Chau, Pharm.D., Ph.D., 2/09 to present

Merrill Goldsmith, Ph.D., 2/09 to present

Paula Carter, R.N., 10/10 to present

Graduate Students who completed their PhD Thesis under Dr. Figg:

Kenneth Bauer, Pharm.D., Ph.D., 5/96 to 5/99, Ph.D. Degree from the University of Pittsburgh;
Currently, Associate Professor & Director of Clinical Pharmacology Unit, University of Maryland School of Pharmacy.

Thesis “The molecular and clinical pharmacology of carboxyamido-triazole, and a clinical trial in prostate cancer”

Michelle Rudek, Pharm.D., Ph.D., 7/96 to 7/01, Ph.D. Degree from the Virginia Commonwealth University; Currently, Assistant Professor and Head of Analytical Core, Johns Hopkins University Cancer Center.

Thesis “Evaluation of the pharmacokinetic-pharmacodynamic relationship for the matrix metalloproteinase inhibitory effect of COL-3 following oral administration to patients with refractory metastatic cancer”

Nehal Lakhani, MBBS, Ph.D., 8/00 to 7/05 Ph.D. Degree from Virginia Commonwealth University; Currently, Medical Oncology Fellow, National Cancer Institute

Thesis “Evaluation of the Pharmacokinetic-Pharmacodynamic Relationship, Metabolism and Plasma Protein Binding of the Novel Antitumor Agent, 2 Methoxyestradiol (2ME2), Following Oral Administration in Patients with Solid Tumors”

Milin Acharya, Ph.D., M.S., 8/01 to 7/05, Ph.D. Degree Virginia Commonwealth University; Currently, Associate Director, Johnson and Johnson Pharmaceutical

Thesis “Clinical pharmacology of MS-275, a histone deacetylase inhibitor”

Tristan Sissung, Ph.D., M.S., 7/03 to 2/09, Ph.D. Degree, George Washington University; Currently, Staff Scientist, Clinical Pharmacology Program, NCI

Thesis “Genetic factors that alter the pharmacodynamics of antineoplastic agents independent of alterations in pharmacokinetics”

Da Zhang, M.S., 7/05 to 10/07, Ph.D. Candidate – did not complete, Virginia Commonwealth University; Currently, Research Scientist, Schering-Plough Pharmaceuticals

Chun Nie, M.S., 7/06 to 5/07, Ph.D. Candidate – did not complete, Virginia Commonwealth University

Lokesh Jain, Ph.D., M.Pharm., 7/06 to 12/09, Ph.D. Degree, Virginia Commonwealth University

Currently, Post-doctoral Fellow, Food and Drug Administration (Pharmacometrics)

Thesis “Identification of Clinical, Laboratory and Genetic Covariates for Pharmacokinetics, Efficacy and Toxicity of Sorafenib in Patients with Solid Tumors.

Kristina Cook, Ph.D., 8/05 to 1/10, Ph.D. Degree, Oxford University

Current, Post-doctoral Fellow, University of Sydney, Australia

Thesis “Oxygen Sensing and the Relationship between HIF-1alpha and p300”

Rui Gao, M.S., 9/05 to 1/11, Ph.D. Candidate, University of Maryland

Currently, Post-doctoral Fellow, Molecular Pharmacology Laboratory, NCI

Thesis “DNA Excision Repair Genes in Cancer and Cancer Therapy”

Heather Pressler, B.S., 5/08 to present, Ph.D. Candidate, Johns Hopkins University

Thesis “The Genetic and Biochemical Contribution of OATP1B3 in Prostate Cancer”

Linda Johnson, B.S., 6/12 to 8/16, M.D., Ph.D. Candidate, Cambridge University and Washington University

Graduate Students who completed the M.S. degree under Dr. Figg:

Julie Barber, B.S., 7/06 to 9/06, Georgetown University

Rebecca Nakles, B.S., 12/06 to 5/07, Georgetown University

Hanem Ali, B.S., 1/08 to 6/09, Georgetown University

Selamawit Gossa, B.S., 9/08 to 12/08, Georgetown University

Anderson Ikem Okafur, B.S., 10/08 to present, Georgetown University

Sija Thordardohir, B.S., 4/09 to 7/09, University Iceland (Haskoli Islands)

Johann Jonsson, B.S., 4/09 to 7/09, University Iceland (Haskoli Islands)

Christin Marissa Markariam, 6/09 to 12/09, Georgetown University

Residents, Students, Laboratory Assistants under Dr. Figg:

Natalie McCall, B.S., 7/92 to 2/97, Towson State University
Sophia Boudoulas, B.S., 8/94 to 8/95, Ohio State University
Sophia Boudoulas, B.S., 9/96 to 8/97, George Washington University School of Public Health
Bernadette Allman, B.S., 2/94 to 7/94, University of Maryland
Bruce Waldrop, B.S., 1/94 to 2/94, Samford University School of Pharmacy
Jennifer Stevens, B.S., 1/94 to 8/94, Cornell University
Kara Ammerman, B.S., 5/94 to 8/94, University of Pennsylvania
Nathan Ryan, 5/94 to 8/94, 5/95 to 8/95, 5/96 to 8/96 Bard College, Howard Hughes Summer Student
Matthew Middleman, 1/95 to 8/95, Cornell University
Barabara Soriano, B.S., 6/95 to 8/95, University of Pennsylvania
Mary Anna Denman, 8/95 to 12/95, Cornell University
Melissa Sutherland, 8/95 to 12/95, 5/96 to 8/96, Cornell University
Alexandra Zellas, B.S., 9/95 to 1/98, Hood College
Jordan Lisella, 1/96 to 5/96, Cornell University
Valerie Makarick, 1/96 to 5/96, Cornell University
Christina Giordano, 1/96 to 5/96, Cornell University
Rima Putta, 1/96 to 5/96, Cornell University
Jonathan Feuer, B.S., 7/96 to 8/97, Cornell University
Yi Guo, 6/96 to 8/96, University of Manchester/George Washington University
Yi Guo, B.S., 3/97 to 4/98, George Washington University
Kathryn Getek, 7/96 to 8/96, 6/97 to 7/97 Princeton University, Howard Hughes Summer Student
Geeta Sagar, 9/96 to 12/96, Gallaudet University
Judith Smith, 10/96 to 12/96, Albany College of Pharmacy
Anne Negrin, 1/97 to 5/97, Cornell University
Sangeeta Raja, M.S., 3/97 to 8/97, University of North Dakota
Sangeeta Raja, M.S., 8/97 to 8/98, University of Maryland Graduate School
Ifey Arah, B.S., 5/97 to 5/98, University of Maryland
Carolyn Shih, 6/97 to 8/97, 6/98 to 7/98, Brown University
Victor Llorens, 6/97 to 9/97, Gaithersburg High School
Neil Hithcock, 11/97 to 12/97, Samford University School of Pharmacy
Belinda Kwong, 8/97 to 12/97, Cornell University
Lilian Wang, 6/97 to 8/97, Princeton University
Mike Leedom, B.S., 8/97 to 2/98, James Madison University
Nicole Pavick, B.S., 8/97 to 1/98, Boston College
Kristen Guest, 10/97 to 12/97, Penn State University
Julian Reed, 6/98 to 8/98, Xavier University
Margaret Johnson, 5/98 to 8/98, 6/00 to 8/00, University of Virginia
Kelly Cude, B.S., 8/98 to 8/99, University of California, Davis
John Lee, 7/98 to 8/98, University of California, Berkley
Manina Kaur, 5/98 to 8/98, University of Maryland
Manina Kaur, B.S., 6/99 to 8/99, University of Maryland School of Pharmacy
Erwin Kruger, B.A., 8/98 to 9/01, Harvard University
Josh Blumenfeld, 6/98 to 8/98, Charles E. Smith Jewish Day School
Shahrzad Movafagh, B.S., 8/98 to 4/99, University of Maryland
Nina Lee, 9/98 to 12/98, Cornell University
Kristen Stathis, 9/98 to 12/98, Cornell University
Samer Nuwayhid, B.S., 1/99 to 5/00, Samford University
Jeff Montgomery, B.S., 8/99 to 5/00, Columbia University College of Physicians and Surgeons
Cara Kurlander, 6/99 to 8/99, University of Chicago
Lisa Meister, 6/99 to 8/99, Columbia University

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Brooke Haehl, B.S., 5/99 to 10/99, University of Virginia
Michael Cox, B.S., 11/99 to 12/99, Ohio Northern School of Pharmacy
Siiri Forbes, B.S., 1/00 to 8/02, University of Wisconsin
Amanda Reed, 6/00 to 8/00, Groves City High School
Catherine Morris, 10/99 to 6/02, Columbia University
Michael Weiss, B.S., 5/00 to 9/00, University of Leipzig, Germany
Patricia Ross, B.S., 8/00 to 9/00, Shenandoah University School of Pharmacy
Michelle Becker, B.S., 10/00 to 11/00, University of Kansas School of Pharmacy
Justin Brockbank, B.S., 12/00 to 8/01, Brigham Young University
Samantha Smith, 10/00 to 12/00, Wittenberg College
Kevin Haynes, B.S., 2/01 to 3/01, Ohio Northern School of Pharmacy
Andrew Trella, B.S., 5/01 to 8/01, University of North Carolina, Chapel Hill School of Pharmacy
Theresa Ferrara, B.S., 6/01 to 9/04, William and Mary College
Melinda Brown, B.S., 10/01 to 11/01, Samford University School of Pharmacy
Belinda Cheung, B.S., 11/01 to 12/01, University of Wisconsin School of Pharmacy
Anna Vitebsky, 9/01 to 12/01, Cornell University
Helene Bichel, B.S., 1/02 to 2/02, Shenandoah University School of Pharmacy
Andrada Tomoia-Cotisel, 6/02 to 8/02, Stanford University
Christopher Orr, 7/02 to 8/02, Landen High School
Bernard Lee, 6/02 to 8/02, Rutgers School of Pharmacy
Erin Lepper Gardner, M.S., 8/02 to 7/06, Oxford University, UK
James Wang, B.S., 11/02 to 12/02, Uniformed Health Services School of Medicine
Shubh Sharma, B.S., 11/02 to 7/03, American University
Lara Dunn, 1/03 to 8/03, Cornell University
Drew Goodman, 9/03 to 5/04, Winston Churchill High School
Elissa Brockbank, 6/03 to 8/03, 5/04 to 8/04, Brigham Young University
Anna Vitebsky, B.S., 6/03 to 7/03, Columbia University Graduate School
Kevin Hicks, 5/03 to 10/03, University of Michigan School of Pharmacy
Andrada Tomoia-Cotisel, 6/03 to 8/03, Stanford University
Roxane Fan, 6/03 to 11/03, St. John's Prep School
Daniell Ahn, B.S., 6/03 to 8/03, University of Virginia School of Medicine
Kathryn Peterson, 1/04 to 2/04, Samford University School of Pharmacy
Arun Singh, B.S., 8/03 to 9/04, Howard Hughes Medical Institute Scholar, NCI
and 3rd year medical student, New Jersey Medical School
Matthew Permenter, B.S., 2/03 to 1/06, Penn State University
Lorna Graham, B.S., 10/03 to 11/03, California State University
Arjun Achutuni, 9/03 to 5/04, Thomas Wootton High School
Sarah Prasse, 1/04 to 9/04, Cornell University
Brian Everist, 6/04 to 8/04, University of Kansas School of Medicine
Andrew Daniels, 6/04 to 5/05, University of Maryland
Ashley Tran, 10/04 to 11/04, Western University School of Pharmacy
Gareth Peters, B.S., 2/04 to present, George Mason University
Kathy Compton, B.S., 9/04 to present, James Madison University
Diana Roame, 1/04 to present, University of the District of Columbia
Michael Loggia, 8/04 to 1/05, Thomas Wootton High School
Katherine Cochrane, 10/04 to 8/05, Madeira High School
Caitlin Fennell, 10/04 to 6/05, Walter Johnson High School
Tracy Mak, 1/05 to 5/05, Cornell University
Andy Yost, 1/05 to 5/05, Cornell University
Laura Pang, 5/05 to 8/05, University of Pennsylvania
Vicky Tkacz, 5/05 to 8/05, Ohio State University
Calvin Kwon, 8/05 to 9/05, Langley High School
Sherrod Taylor, 7/05 to 8/05, University of Mississippi
Priyanka Goel, B.S., 7/05 to 9/05, Carnegie Mellon University

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Clint Hensley, B.S., 8/05 to 9/05, San Diego State University
Erika Smith, B.S., 1/06 to 8/08, Penn State University
Saurabh Agarwal, 1/04 to 6/04, Cornell University
Ritchie Longoria, 6/04 to 8/04, University of Tennessee School of Pharmacy
Jennifer Christenson, 11/04 to 12/04, University of Houston School of Pharmacy
Matt Danish, B.S., 9/06 to 8/08, University of Rochester
Sandra Ockers, B.S., 6/06 to 7/08, Davidson College
David Jiang, 9/06 to 12/06, Colgate University
Jake Beverage, B.S., 6/06 to 8/06, University of California at San Francisco School of Pharmacy
Caitlin Baum, 5/06 to 2/07, University of Maryland, Baltimore County
Michael Choi, 7/06 to 5/07, Thomas Jefferson High School
Ellie Shuo Hong, 6/06 to 8/06, Phillips Exeter Academy
Heather Tomaszewski, 5/06 to 8/06, Virginia Tech University
Poliana Andrade, 9/06 to 12/06, University of California at Davis
Martha Couch, 10/06 to 2/07, Broadneck High School
Diana Ziscovici, 9/06 to 5/07, Walter Johnson High School
Samantha Pula, 5/07 to 8/07, North Dakota State University School of Pharmacy
Shelby Davis, 5/07 to 8/07, Bowdin College
Jennifer Miles, 5/07 to 8/07, NOVA South East School of Pharmacy
Katy Thompson, 5/07 to 8/07, Georgetown College
Arnie Lehto, 5/07 to 8/07, Finland High School
Caitlin Baum, B.S., 6/07 to 6/10, University of Maryland, Baltimore County
Stephen Pisle, B.S., 9/07 to present, University of Maryland, Baltimore County
Randy Ochs, 6/08 to 8/08, Churchill High School
Heather Pressler, M.S., 11/07 to 4/08, Johns Hopkins University
Melissa Gilden, 6/08 to 8/08, University of Maryland
Jorge Luna, 6/08 to 8/08, Columbia University
Maggie Wolfe, 6/08 to 8/08, Columbia University
Daniel Yagoda, 6/08 to 8/08, Columbia University
Bevin English, B.S., 8/08 to 8/10, Davidson College
Seun Ajiboye, B.S., 7/08 to 9/09, Duke University
Craig Vargo, 6/08 to 8/08, Purdue University
Shandiz Shahbazi, 6/08 to 8/08, Oakton High School
Sarah Prasse, M.S., 6/08 to 7/10, Georgetown University
Joey Miles, B.S., 6/08 to 8/08, Georgetown College
Shandiz Shahbazi, 8/08 to 12/09, University of Maryland
Georgina Dall, 9/08 to 10/08, University of Michigan School of Pharmacy
Tracey Gavin, 9/08 to 12/08, Cornell University
Seth Nelson, 9/08 to 5/08, Thomas Wootton High School
Conner Ahlborn, 6/09 to 8/09, Rensselaer Polytechnic Institute
Kelly Fridey, 5/09 to 6/09, University of North Carolina at Wilmington
Katie Boyd, 6/09 to 8/09, Georgetown College
Morgan Gruye, 3/09 to 8/09, Cornell University
Jerome Manson, B.S., 6/09 to 8/09, Georgetown College
Will Figg, 6/09 to 8/09, Woodberry Forest High School
Zhenyi (Jane) Zhang, 4/09 to 5/09, University of Michigan School of Pharmacy
Sam Freeling, 6/09 to 8/09, Georgetown Day High School
Margaret Coakley, 6/09 to 8/09, Georgetown University
Tyler Kirkland, B.S., 8/09 to present, Davidson College
David Zhu, 6/09 to 8/09, Massachusetts Institute of Technology
Erica Stein, B.S., 6/09 to 9/09, George Washington University Graduate Program
Scott Mcmenemy, B.S., 8/09 to 12/09, University of Aberdeen Graduate Program
Haveesh Sharma, 9/09 to 12/09, George Mason University
Laura Williams, 9/09 to 5/10, Madeira High School

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Delia Charest, 2/10 to 3/10, Samford University School of Pharmacy
Elena Fernandez, 6/10 to 8/10, Mary Washington College
David Zhu, 6/10 to 8/10, Massachusetts Institute of Technology
Leena Suthar, 1/10 to 8/10, Cornell University
Will Figg, 6/10 to 9/10, Woodberry Forest High School
Joel Federspiel, 6/10 to 8/10, Georgetown College
Shandiz Shahbazi, 6/10 to 8/10, University of Maryland
Emily Richarson, B.S., 5/10 to present, University of North Carolina at Chapel Hill
Sarah Troutman, B.S., 6/10 to present, Davidson College
Carl Zehner, 6/10 to 8/10, Dartmouth College
Katie Boyd, 2/11 to 3/11, Samford University School of Pharmacy
Hanseul Kim, 9/10 to 5/11, Maderia School
Abi Tepede, 10/10 to present, University of Illinois

Ad Hoc Tenure/Promotion Reviews:

University of Kentucky
University of Tennessee
West Virginia University
University of Southern California
University of Connecticut
Purdue University
Duke University
Johns Hopkins University
University of Illinois at Chicago
University of California at San Diego
University of Maryland
University of Georgia
University of Minnesota
University of South Alabama
Indiana University
Texas Tech University
Georgia Tech University

Grant or Program Review Committees:

Adult AIDS Clinical Trials Group, Pharmacology Grant Review Committee (1995)
Department of Defense, Grant Review Committee on Breast Cancer (1996)
United Kingdom's Cancer Research Campaign, Grant Reviewer (1999-2008)
Italian Association for Cancer Research, Grant Reviewer (2002-2003)
Department of Defense, Ovarian Cancer Grant Review Committee (2002)
North Carolina Biotechnology Awards, Grant Reviewer (2003)
Maryland Biotechnology Awards, Grant Reviewer (2003)
Austrian Foundation for Scientific Development, Grant Reviewer (2004)
Avon-NCI Breast Cancer Progress Grant, Project Reviewer (2004)
Japan Society for Promotion of Science Fellowship Grant, Reviewer (2004)
Department of Defense, Prostate Cancer Integration Grant Committee (2004, 2008, 2009, 2010)
Grant Reviewer (2006, 2008)
Japan Society for the Promotion of Science – Fellowship Selection Committee (2004)
National Institutes of Health Study Section (End Organ Disease) Grant Reviewer (2004)
Ministry of Health and Biomedical Research Council, Grant Reviewer, Singapore (2005, 2008)
NCI's Preclinical Pharmacology Extramural Grants Reviewer (2004)
Austrian Science Fund, Grant Reviewer (2005-2008)
Cancer Research UK, Grant Reviewer (2005)(2010)
ACCP Research Institute
Grant Priority Committee (2004-2005)
Chair of the Pharmacotherapy Grant Review Committee (2005)
Chair of the Hematology Oncology Grant Review Committee (2005)
Chair of the Investigator Development Award Review Committee (2005)
Reviewer – Career Development Award (2005 - 2006)
Reviewer - Fellowships in Oncology (1994 - 2001)
Reviewer - Grants in Oncology (1995 - present)
Chair, Grants and Fellowship Selection Committee (2006)
National Eye Institute, NIH, Board of Scientific Council, Intramural Site Visit Committee
For the Laboratory of Retinal Cell and Molecular Biology (2005)
West Virginia University Intramural Grant, Grant Reviewer (2006)
United Kingdom's Breast Cancer Campaign, Grant Reviewer (2006)

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Austria Competence Center for Excellent Technologies, Grant Reviewer (2007)
The Wellcome Trust, Grant Reviewer (2007)
Rain Medical Research Foundation (The University of Western Australia), Grant Reviewer (2007)
Christian Doppler Research Association, Austria, Grant Reviewer (2007)
National Medical Research Council, Singapore, Grant Reviewer (2007)
Isreal Science Foundation, Tel Viva, Grant Reviewer (2008)
Associazione Italiana per la Ricerca sul Cancro, Grant Reviewer (2008)
Health Research Council of New Zealand, Grant Reviewer (2009)
AACR Gertrude B. Elion Cancer Research Award (2009, 2010)
National Cancer Institute, Basic and Translational (OBT), Grant Reviewer (2009)
The Prostate Cancer Charity of UK, Grant Reviewer (2010)
Institut National du Cancer – INCa (2010)

Clinical Trials in Which Dr. Figg is Principal Investigator or Protocol Chair:

95-C-0178 - A Randomized Phase II Study of Oral Thalidomide in Patients with Hormone Refractory Prostate Cancer

95-C-0161 – A Protocol to Obtain Blood, Urine, and Other Tissue Samples for Research Purposes to Investigate Micrometastases and the Presence of PSA in the Urine

00-C-0080 - A Double Blind Randomized Crossover Phase III Study of Oral Thalidomide versus Placebo in Patients with Stage D0 Androgen Dependent Prostate Cancer Following Limited Hormonal Ablation

01-C-0256 - A Phase I Trial of 2-Methoxyestradiol (2ME2), an Angiogenesis Inhibitor, in Patients with Solid Tumors

02-C0083 - A Multidose Phase I Study of Oral CC5013, a Thalidomide Derivative, in Patients with Refractory Metastatic Cancer

02-C-0149 - A Phase I Trial of High Dose Ketoconazole plus Weekly Docetaxel in Metastatic Androgen Independent Prostate Cancer

02-C-0138 - Retrospective analysis of CYP2C19 genotype in Cancer Patients enrolled on Clinical Trials with Thalidomide at National Cancer Institute to Assess the *in vivo* Metabolisms, Pharmacokinetics and Pharmacodynamics of Thalidomide

02-C-0161 – Retrospective Analysis of Promoter Polymorphism of UGT1A1 Gene in Cancer Patients Enrolled on Clinical Trials with Flavopiridol at the National Cancer Institute to Assess the Pharmacokinetics and Pharmacodynamics of Flavopiridol

03-C-0153 - Retrospective analysis of endostatin genotype in prostate cancer patients to assess the association of a single nucleotide polymorphism (D104N) in endostatin and prostate cancer

03-C-0242 - Pharmacological Analysis of Human Samples Collected in Clinical Trials Performed Outside of the Intramural National Cancer Institute

04-C-N279 - Retrospective Analysis of Drug Metabolizing Genotype in Cancer Patients and Correlation with Pharmacokinetic Data

04-C-0132 - A Phase II Trial Combining Estramustine, Docetaxel, and Thalidomide in Patients with Androgen-Independent Metastatic Prostate Cancer

04-C0257 - A Phase II Trial of Docetaxel, Thalidomide, Prednisone, and Bevacizumab in Patients with Androgen-Independent Prostate Cancer

04-C0280 - Randomized, Crossover, Pharmacokinetic study of Paclitaxel and ABI-007 in Patients with Advanced Solid Tumors

05-C-N090 - Analysis of ABCG2 genotype in Gleevec treated Cancer Patients to assess the Association of a Single Nucleotide Polymorphism (C421A) in ABCG2 and Response to Treatment

07-C-0059 - A Phase II Study of AZD2171 in metastatic Androgen Independent Prostate Cancer

07-C-0100 - Collection of Blood from Patients with Prostate Cancer